

City of San Diego

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REQUEST FOR QUALIFICATIONS DOCUMENTS



MULTIPLE AWARD DESIGN-BUILD CONTRACTS (MACC) FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

RFQ NO.: _____ 1485
BID NO.: _____ K-16-1485-MAC-3
SAP NO. (WBS/IO/CC): _____ 21003788
CLIENT DEPARTMENT: _____ 2115
COUNCIL DISTRICT: _____ Citywide
PROJECT TYPE: _____ BE, BD

THIS PROJECT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE FEDERAL
- APPRENTICESHIP

STATEMENT OF QUALIFICATIONS (SOQ) DUE:

**12:00 NOON
JULY 12, 2016
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTS
1010 SECOND AVENUE, 14th FLOOR, MS 614C
SAN DIEGO, CA 92101
ATTN: CONTRACT SPECIALIST**

REQUEST FOR QUALIFICATIONS

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1. INTRODUCTION

- 1.1 **PURPOSE:** The City of San Diego (City), **Environmental Services Department** is requesting Statement of Qualifications (SOQ) for Multiple Award Design-Build Contracts, also known as Multiple Award Construction Contracts (MACC), pursuant to §22.3310 of the San Diego Municipal Code. This is a solicitation for **ENERGY CONSERVATION MEASURES AND BUILDING RETROFIT PROJECTS AT CITY FACILITIES** (Projects) by means of indefinite delivery indefinite quantity (IDIQ) multiple award construction contracts.
- 1.2 **NUMBER OF CONTRACTS TO BE AWARDED:** This Request for Qualifications (RFQ) is the first step in the procurement process for the award of multiple Design-Build projects. Upon completion of the RFQ phase, the City in its sole discretion may award **no less than 3** and **no more than 5** contracts to the firms deemed most highly qualified based upon the RFQ Criteria (Selected Firms).
- 1.3 The City will not reimburse Design-Builders for costs incurred in the preparation, submittal and participation in the RFQ process.
- 1.4 This RFQ does not commit the City to award a contract, or to procure or contract for work.
- 1.5 **SUMMARY OF WORK:** The City is seeking to acquire Design-Build services for a Design-Build project to include building retrofits for HVAC (Heating Ventilation and Air Conditioning), VFD (variable-frequently drive), lighting and controls and commissioning installation. The work will require some design for the HVAC and duct modifications. Roofing, window upgrade and other tenant improvement work might also be included in the scope of work depending on site conditions. We anticipate work at about 30 locations citywide. Work and Services required of the Design-Builder will include design, construction, and startup of the Project. The Design-Builder shall provide all management, supervision, labor, services, temporary facility, equipment, tools, supplies, and any other item needed to complete the design and construction, as described in **Attachment A**.
- 1.6 **PERFORMANCE PERIOD:** The performance period for each contract awarded will include an initial base period of 1 year with two additional 1 year option periods for a total performance period of 3 years (1,095 Calendar Days).
- 1.7 **FORMAT RECEIPT AND OPENING OF SOQs:** SOQs will be received in electronic format (eBids) EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date and time shown on the cover of this solicitation.
- 1.8 **SUBMITTERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit and electronic proposal.
- 1.9 The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system

will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.

- 1.10 Upon entry of their SOQ, the system will ensure that all required fields are entered. **The system will not accept an SOQ for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 1.11 **SOQs REMAIN SEALED UNTIL DUE DATE AND TIME:** Electronic submissions are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. SOQs submitted prior to the Due Date and Time are not available for review by anyone other than the submitter, who will have until the Due Date and Time to change, rescind or retrieve its proposal should they desire to do so.
- 1.12 **SOQs MUST BE SUBMITTED BY DUE DATE AND TIME:** Once the deadline is reached, no further submissions are accepted into the system. Once the Due Date and Time has passed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness, Equal Opportunity Contracting Program (EOCP) compliance and other issues.
- 1.13 **RECAPITULATION OF THE WORK:** SOQs shall not contain any recapitulation of the Work. Conditional SOQs may be rejected as being non-responsive. Alternative SOQs will not be considered unless called for.
- 1.14 **SOQs MAY BE WITHDRAWN** by the Submitter prior to, but not after, the time set as Due Date and Time.
 - 1.14.1 **Important Note:** Submission of the electronic SOQ into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the proposer's submission to upload and be received by the City's eBidding system. It is the proposer's sole responsibility to ensure their SOQs are received on time by the City's eBidding system. The City of San Diego is not responsible for SOQs that do not arrive by the required date and time.
- 1.15 **ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE:** To request a copy of this solicitation in an alternative format, contact the Public Works Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the due date to ensure availability.
- 1.16 **ELECTRONIC SUBMISSIONS CARRY FULL FORCE AND EFFECT:**

- 1.16.1** The submitter, by submitting its electronic SOQ, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.
- 1.16.2** The submitter, by submitting their electronic SOQ, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this SOQ are true and correct.
- 1.17** **CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:**
- 1.17.1** **Prior** to the Award of a Contract or Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system. For additional information go to:
- <http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>
- 1.17.2** The City may not award a contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder
- 1.18** **SOQs ARE PUBLIC RECORD:** Upon receipt by the City, SOQs shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the SOQ. General references to sections of the California Public Records Act (PRA) will not suffice. If the Design-Builder does not provide supply applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Design-Builder will hold the City harmless for release of this information.
- 1.19** **PUBLIC DISCLOSURE:** Selection announcements, contract awards, and all data provided by the City shall be protected from public disclosure. Design-Builder's desiring to release information to the public, shall receive prior written approval from the City.
- 1.20** **CONFLICT OF INTEREST:** Any architectural firms, engineering firms, specialty consultants, or individuals previously retained by the City to assist in drafting the Project's preliminary design, General Development Plan or Drawings shall not be eligible to participate in the competition with any Design-Build Entity without the prior written consent of City. Any architectural firms, engineering firms, specialty consultants, or individuals retained by the City to assist in drafting any Reference Documents or other document that was not prepared specifically for this contract, are considered to be eligible to participate.

2. EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP) PROVISIONS

2.1 The City is dedicated to the principles of equal opportunity in the workplace and in subcontracting. It is the City's expectation that firms doing business with the City have and are able to demonstrate the same level of commitment.

2.2 The Design-Builders are encouraged to take positive steps to diversify and expand their Subcontractor solicitation base and to offer subcontracting opportunities to all eligible Subcontractors. The Design-Builder shall comply with requirements of San Diego Municipal Code §§ 22.2701 through 22.2708, Equal Employment Opportunity Outreach Program (EEO Program).

2.3 CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM

2.3.1 **Prior** to the Award of the Contract or each Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system, BidsOnline™ hosted by PlanetBids System. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>.

2.3.2 Following the award of the Contract, the Design-Builder will be required to use the City's web-based contract compliance application for EOCP reporting purposes e.g., Weekly Certified Payroll, Monthly Employment Utilization, and Monthly Payments. Online tutorials are available at:

<http://stage.prismcompliance.com/etc/vendortutorials.htm>

2.3.3 The City may retain progress payments if:

2.3.3.1 The non-registered Design-Builder, Subcontractors, or Suppliers fail to register,

2.3.3.2 EOCP reporting is delinquent or inadequate, or

2.3.3.3 Underpayment has occurred.

2.4 For additional Equal Opportunity Contracting Program requirements, see the 2015 Whitebook.

3. **ESTIMATED CONTRACT VALUE:** The cumulative value of all contracts awarded through this solicitation will not exceed **\$5,000,000** for the total performance period (i.e., base period plus all options).

3.1 The minimum Task Order guaranteed is \$5000 per Contract over the full term of the Contract, including any options. To receive the minimum guarantee, the Design-Builder must have submitted responsive Proposals to all RFPs in the first year of this contract, and not have been awarded any Task Order. Typical projects will have an estimated construction cost between \$500,000 and \$2,000,000.

4. **PROJECT DESCRIPTION:** See Attachment A.

5. **PROJECT SCHEDULE**

5.1 The following milestones are provided for reference only. All dates are tentative and are subject to change.

5.1.1	Pre-submittal Meeting	JUNE 21, 2016
5.1.2	SOQ due date	JULY 12, 2016
5.1.3	Shortlist Finalists	AUGUST 23, 2016
5.1.4	Interviews	FEBRUARY 1, 2017
5.1.5	Selection and Notification	FEBRUARY 6, 2017
5.1.6	Receipt of Bonds and Insurance Certifications	FEBRUARY 15, 2017
5.1.7	Notice to Proceed	MARCH 15, 2017
5.1.8	Mandatory Outreach Meeting	TBD

6. **STATEMENT OF QUALIFICATIONS REQUIREMENTS**

6.1 **GENERAL**

6.1.1 Design-Builders interested in participating on this MACC as a prime contractor shall be pre-qualified.

6.1.1.1 All Design-Builder applicants must submit a complete prequalification application online to the Public Works Contracts, Prequalification Program no later than 2 weeks prior to the SOQ due date and time. Complete information and links to the online prequalification application are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification.shtml>

6.1.1.2 For additional information or the answer to questions about the prequalification program, contact David Stucky at (619) 533-3474 or dstucky@sandiego.gov.

6.1.1.3 Due to the City's fiduciary requirement to safeguard vendor data, City staff will not be able to provide information regarding contractors' prequalification status over the telephone. Contractors may access real-time information about their prequalification status via their vendor profile on [PlanetBids™](#).

6.1.2 The City desires to receive SOQs only from qualified and experienced Design-Builders who demonstrate significant knowledge of Design-Build construction projects, extensive experience and successful performance on public works infrastructure projects of comparable size and scope.

6.1.3 All Design-Builders must be prequalified under the City's Pre-Qualification Program for a minimum \$2,000,000. Prequalification status for all Design-Builders must be maintained for the term of the MACC.

6.2 CONTRACTOR'S LICENSE(S) REQUIREMENTS.

6.2.1 Class B (General Building Contractor) and C-7 (Low Voltage Systems) and C-10 Electrical) and C-20 (Warm-Air Heating, Ventilating & Air-Conditioning).

7. PROCUREMENT PROCESS

7.1 All properly licensed and pre-qualified Design-Builders will be evaluated and ranked based on past performance, experience and technical qualifications in accordance with Attachment B. The City will, at its sole discretion, interview any or all design-builders who submit an SOQ for the purposes of gaining further information regarding the design-builders' qualifications. Between 3 and 5 of the highest ranked Design-Builders will be selected and awarded a contract.

7.2 For future Design-Build Projects during the term of this MACC, the City will solicit Proposals from all the Design-Builders who receive contracts resulting from this RFQ.

7.3 Architectural firms, engineering firms, consultants, or individuals retained by the City to assist in drafting any portion of the Public Utilities Department's Master Plan, and any other document that was not prepared specifically for this Contract are eligible to participate in the competition with any Design-Builders bidding for the Project.

7.4 Architectural firms, engineering firms, consultants, or individuals retained by the City to assist in drafting the RFQ, RFP, or the Project's preliminary design are not eligible to participate in the competition with any Contractor bidding for the Project.

7.5 The following steps are included in the City's MACC procurement process:

7.5.1 RFQ is issued by the City.

7.5.2 Design-Builders submit SOQs.

7.5.3 The City selects the 3-5 firms determined to be most qualified for a MACC award under this solicitation, and submits the list to the Mayor and City Council for approval.

7.5.4 RFPs for any future MACC tasks shall be issued to the selected Design Builders by the City as needed.

8. PRE-SUBMITTAL ACTIVITIES

8.1 SUBMISSION OF QUESTIONS:

8.1.1 The Director (or designee) of the Public Works Department is the officer responsible for responding to questions and opening, examining, and evaluating the SOQs submitted to the City for the acquisition, construction, and completion of any public improvement except when otherwise set forth in these documents. All questions related to this solicitation shall be submitted to:

Public Works Contracts
1010 Second Avenue, 14th Floor
San Diego, California, 92101
Attention: Contract Specialist listed on the front cover of this RFQ.

Or:

To the email address of the Contract Specialist listed on the front cover of this RFQ.

8.1.2 Questions received less than 14 Days prior to the Statement of Qualifications due date may not be considered.

8.1.3 Questions or clarifications deemed by the City to be material shall be answered via issuance of an addendum and posted to the City's online bidding service.

8.1.4 Only questions answered by formal written addenda shall be binding. Oral and other interpretations or clarifications shall be without legal effect. It is the Design-Builder's responsibility to be informed of any Addenda that have been issued.

8.2 PRE-SUBMITTAL MEETING:

8.2.1 Pre-submittal Meeting: Design-Builders wishing to submit an SOQ are **required** to attend the Pre-submittal Meeting. The purpose of the meeting is to discuss the scope of the Project, submittal requirements, the pre-qualification process and any Equal Opportunity Contracting Program requirements and reporting procedures. To request a sign language or oral interpreter for this visit, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the meeting to ensure availability. Failure to attend the Mandatory Pre-submittal Meeting may result in the Design-Builder's SOQ being deemed non-responsive. The Pre-submittal Meeting is scheduled as follows:

Date: JUNE 21, 2016
Time: 10:00 AM
Location: 1010 Second Avenue Suite 1400
San Diego, CA 92101

Attendance at the Pre-submittal Meeting will be evidenced by the Design-Builder's representative's signature on the attendance roster. It is the responsibility of the Design-Builder's representative to complete and sign the attendance roster.

Design-Builders may not be admitted after the specified start time of the mandatory pre-submittal meeting.

8.2.2 To request a copy of the agenda in an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracts Division at (619) 533-3450 at least 5 Working Days prior to the Pre-submittal Meeting to ensure availability.

8.3 REVISIONS TO THE RFQ: Any changes to the Contract Documents through addendum are made effective as though originally issued with the solicitation. The Design-Builders shall acknowledge the receipt of any Addenda at the time of SOQ submission.

9. ADDITIONAL TERMS AND CONDITIONS

9.1 CITY'S RIGHT TO CANCEL: City reserves the right to cancel, in part or in its entirety, this RFQ including but not limited to: selection schedule, submittal date, and submittal requirements. If the City cancels or revises the RFQ, all potential Design-Builders will be notified in writing by the City.

9.2 INTERVIEWS: The City reserves the right to interview and request additional information and clarifications from any responders to RFQ.

9.3 ALLOCATION OF RISK:

9.3.1 The selected MACC Design-Builders shall indemnify and hold harmless the City for claims, suits, losses or damages arising out of the negligent acts, errors, or omissions of the Design-Builder, Subcontractors, or Subcontractors attributable to the design effort.

9.4 PREVAILING WAGE RATES: Prevailing wage rates will apply to this contract.

ATTACHMENTS

ATTACHMENT A
PROJECT DESCRIPTION AND LOCATIONS

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1. **PROJECT DESCRIPTION:** This MACC includes Tenant Improvement work on various city facilities, energy efficiency upgrades including indoor and outdoor lighting replacements including lighting controls, heating, ventilation and air-conditioning replacements and associated controls. This is an Energy Efficiency Project and Level II energy audits have already been completed on all twenty eight (28) City facilities. Funding applications have been completed for On-Bill Financing (OBF) and for Advanced Lighting Controls System Pilot (ALCS Pilot).

Portion of the lighting energy efficiency work is covered under San Diego Gas and Electric (SDG&E) Advanced Lighting Control System (ALCS Pilot) program and therefore must be completed before December 31st, 2016 to qualify for incentives. As part of the SDG&E's ALCS Pilot program, it is required that the implementation of the work be done using three (3) types of labor work force:

- A. California Advanced Lighting Controls Training Program (CALCTP) Graduates,
 - B. Non-CALCTP Graduate
 - C. Electrician
2. **SCOPE OF WORK:** City is seeking to acquire Design-Build services for a Design-Build project that includes building retrofits for HVAC (Heating Ventilation and Air Conditioning), VFD (variable-frequently drive), lighting and controls and commissioning installation. The work will require some design for the HVAC and duct modifications. Roofing, window upgrade and other minor tenant improvement work might also be included in the scope of work depending on site conditions. Work is anticipated at 30-50 locations citywide (please refer to section 2 below for list of potential locations). Work and Services required of the Design-Builder include those during design, construction, and startup of the Project. The Design-Builder shall provide all management, supervision, labor, services, temporary facility, equipment, tools, supplies, and any other item of every kind and description required for the complete design, construction, and start-up of the Project.
3. **SAMPLE TASKS INCLUDE:**
 - A. Interior & Exterior Light fixture replacements using LED technology
 - B. HVAC replacements and retrofits
 - C. Network Lighting controls using enterprise wireless technologies
 - D. Commissioning and acceptance testing
 - E. Paperwork management, including applications and submittal of receipts and purchase orders, associated with rebates, incentives, OBF & ALCS Pilot program and Title-24 baselining using the current energy code.
 - F. Engineering design, permitting and Title-24 compliance forms
 - G. Tenant improvement work

4. PROJECT LOCATIONS:

LIST OF POTENTIAL BUILDINGS

Facility Name	Address
Allied Gardens Rec Center w/ Pool	5198 Zion Ave San Diego, CA 92120
Carmel Valley Rec Center w/ Pool	3777 Townsgate Dr, San Diego, CA 92130
Central Operations	1970 B St San Diego, CA 92102
City Administration Building Complex	1600 Pacific Highway San Diego, CA 92101
City Heights Rec Center w/ Pool	4380 Landis St San Diego, CA 92105
Engineering Field Offices	9485 Aero Dr San Diego, CA 92123
Fire Station 29	198 W San Ysidro Blvd San Ysidro, CA 92173
Fire Station 31	6002 Camino Rico San Diego, CA 92131
Fire Station 37	11640 Spring Canyon Dr San Diego CA 92131
Fire Station 44	10011 Black Mountain Rd San Diego, CA 92126
General Services Auto Repair	3940 Federal Blvd, San Diego, CA 92102
La Jolla Library	7555 Draper Ave La Jolla, CA 92037
Martin Luther King Recreation Center	6401 Skyline San Diego, CA 92114
Miramar Operations Center	8323/8353 Miramar Place San Diego, CA 92121
Montgomery Waller Rec Center	3020 Coronado Ave San Diego, CA 92154
Mountain View Rec Center	641 S Boundary St San Diego CA 92113
Pacific Beach Library	4275 Cass St San Diego, CA 92109
Park Morley Field Rec Center w/ Kearns Pool	2229 Morley Field Dr San Diego, CA 92101
Point Loma Library	3701 Voltaire St San Diego, CA 92107
Police Headquarters	1401 Broadway San Diego, CA 92101
Quivera Lifeguard Headquarters	2590 Quivera Ct San Diego, CA 92109
Rancho Bernardo Library	17110 Bernardo Center Dr San Diego, CA 92128
Rancho Bernardo Recreation Center	18448 West Bernardo Dr. San Diego, CA
Ridgehaven	9601 Ridgehaven Ct San Diego, CA 92123
Rolando Library	6600 Montezuma Rd San Diego, CA 92115
Rose Canyon Operations Yard	3775 Morena Blvd San Diego, CA 92109
Standley Rec Center w/ Swanson Pool	3585 Governor Dr San Diego CA 92122
Tierrasanta Rec Center w/ Pool	11220 Clairemont Mesa Blvd San Diego, CA

ATTACHMENT B

SUBMITTAL REQUIREMENTS AND EVALUATION CRITERIA

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1. SUBMITTAL REQUIREMENTS

- 1.1. The SOQ shall be concise, well organized, and demonstrate the Design-Builder's qualifications and experience applicable to the Project. The SOQ shall be limited to 25 one-sided pages (8 1/2 x 11) - exclusive of resumes, graphics, forms, pictures, photographs, dividers and front/back cover - that address the RFQ requirements. Font Type shall be Merriweather in a minimum 10 point font size, with a minimum 1" margin for text pages. A cover letter may be submitted but shall not contain any information that is a required element of the RFQ as per Attachment B, Submittal Requirements and Selection Criteria. Any SOQ that does not comply with these formatting standards may not be considered.
- 1.2. SOQs shall be signed by an individual or individuals authorized to execute legal documents on behalf of the Design-Builder.
- 1.3. SOQs shall be received no later than the time and place specified on the cover of this RFQ. SOQs and related materials received after the date and time specified above may not be considered.
- 1.4. Failure to comply with the requirements of this RFQ may result in disqualification.
- 1.5. Mandatory Meetings. Failure to attend the required meetings on time as evidenced by the sign-in sheets may result in the SOQ being considered **non-responsive** and ineligible for further consideration. The meetings include:
 - 1.5.1. Pre-submittal Meeting
- 1.6. SOQs submitted in response to this RFQ shall be in the following order and shall include:
 - 1.6.1. Acknowledgment of Addenda to this RFQ.
 - 1.6.2. Identification of the Design-Builder.
 - 1.6.3. Exceptions to this RFQ.
 - 1.6.4. Executive Summary.
 - 1.6.5. Experience and Technical Competence.
 - 1.6.6. Proposed Method to Accomplish the Work.
 - 1.6.7. Knowledge and Understanding of Local Environment.
 - 1.6.8. Project Organization and Key Personnel.

1.6.9. Equal Employment and Contracting Information.

1.6.10. Financial Information and Arrangements.

1.6.11. Change Order and Litigation History.

SOQs that do not contain the aforementioned components may not be considered.

2. EVALUATION CRITERIA

2.1. **Addenda to this RFQ (PASS/FAIL):** The Design-Builder is to confirm in its SOQ the receipt of all addenda issued to this RFQ. Failure to acknowledge all addenda issued may result in the SOQ being considered **non-responsive** and ineligible for further consideration.

2.1.1. The Design-Builder is not required to include copies of the actual addenda in its SOQ.

2.2. **Identification of the Design-Builder (PASS/FAIL):** Failure to provide the Identification of the Design-Builder may result in the SOQ being considered non-responsive and ineligible for further consideration.

2.2.1. Legal name and address of company.

2.2.2. Legal form of company (partnership, corporation, joint venture, etc.). If joint venture identify the members of the joint venture and provide all information required under this section for each member.

2.2.3. Year of establishment of entity.

2.2.4. If company is subsidiary of a parent company, identify the parent company.

2.2.5. Address of main office.

2.2.6. Address of San Diego satellite office if applicable.

2.2.7. Contact information for firm, including name, title, email address and telephone number.

2.2.8. Number of employees in San Diego County.

2.2.9. Applicable License(s):

2.2.9.1. City of San Diego Business License Number, including expiration date.

2.2.9.2. State Contractor's License Number, including expiration date and all classifications.

2.2.9.3. Professional Engineering/Architect License Number, including expiration date.

2.2.10. Name, title, address and telephone number of person to contact concerning the SOQ.

2.3. **Exceptions to this RFQ (PASS/FAIL):** The Design-BUILDER shall certify that it takes no exceptions to this RFQ and its attachments by signing and submitting with its SOQ the Certification of Exceptions to the Request for Qualifications. If the Design-BUILDER does take exception to any portion of the RFQ, the specific portion of the RFQ to which exception is taken shall be submitted to the City in writing prior to the Pre-submittal Meeting. Although the “Exceptions to the RFQ” is an evaluation criterion, an exception may be determined by the City to be of such a material nature that such exception may cause the SOQ to be considered non-responsive.

2.4. **Executive Summary (5 Points Max):** Include a one- to two-page overview of the entire SOQ describing the highlights of the SOQ. Failure to provide the executive summary may result in the SOQ being considered non-responsive and ineligible for further consideration.

2.5. **Experience and Technical Competence (25 Points Max):**

2.5.1. Describe Design-BUILDER’s experience in completing similar Design-Build efforts. List three (3) successfully completed projects within the past 5 years for both public and private clients of a similar nature with name of Owner’s Project Manager, phone numbers, project type, total value of completed construction and identify whether the work was for a public or private client. Projects currently in process may be submitted for consideration. Include in your client references projects and clients where the team has worked together.

2.5.2. The Design-BUILDER shall include design-build experience with energy retrofit projects covering lighting, HVAC and networked controls. Typical Design-Build work includes the following, but is not limited to:

2.5.2.1. Experience with lighting energy retrofits

2.5.2.2. Experience with HVAC energy retrofits

2.5.2.3. Experience with networked lighting and HVAC controls

2.5.2.4. Experience managing deep energy efficiency projects in occupied buildings and staffing and scheduling approach

2.5.2.5. Number of facilities designed and built pursuant to a design-build contract

2.5.2.6. Record of timely completion

2.5.2.7. Number of design-build projects performed as compared to the number completed on schedule

- 2.6. **Proposed Method to Accomplish the Work (10 Points Max):** Describe in narrative form the Design-Builder’s technical and management approach to the design, construction, and start-up of the facilities. Discuss lines of communications necessary to maintain design schedule and construction schedules. This should not be a design concept, but rather a general discussion of how the team will execute the project.
- 2.7. **Knowledge and Understanding of Local “Environment” (10 Points Max):** Describe experience working in the local “environment” and proposed local presence for interfacing with the City’s project management staff. The “environment” includes but is not limited to: City and other local agencies regulations and policies; local building codes; local utility incentive program familiarity and other local design criteria and related issues.
- 2.8. **Project Organization and Key Personnel (5 Points Max):** Describe proposed project organization and provide an organizational chart, including identification and responsibilities of key personnel. Indicate role and responsibilities of the Design-Builder. Indicate how local firms are being utilized to ensure a strong understanding of local laws, ordinances, regulations, policies, requirements, permitting, etc. Indicate extent of commitment of key personnel for duration of project and furnish resumes of key personnel. Provide indication of staffing level for the project. The City’s evaluation of the Design-Builder will consider the entire team, therefore no changes in team composition will be allowed without prior written approval of the City. Describe Design-Builder’s capacity to perform the work within the time limitations, considering and identifying Design-Builder’s current and planned workload and Design-Builder’s workforce.
- 2.9. **Equal Employment and Contracting Opportunity (25 Points Max):**
- 2.9.1. Work Force Report
- 2.9.2. The Design-Builder shall include in its SOQ either: (1) a completed Work Force Report (see Attachment ‘D’) for its employees located within San Diego County only; or (2) an Equal Employment Opportunity Plan, which shall comply with the EEO Plan Requirements which is included in Section 2.0. The selected firm may be required to submit workforce data for a regional office prior to contract award.
- 2.9.3. Equal Opportunity Assurances
- 2.9.4. The Design-Builder shall include in its SOQs the following:
- 2.9.4.1. Specific actions consistently taken to ensure equal opportunity in their employment and subcontracting practices, including past performance and actions to be taken on this project.

- 2.9.4.2. Listing of Proposer’s strategies to recruit, hire, train and promote a diverse workforce. These efforts will be considered in conjunction with Design-Builder’s Workforce Report as compared to the County’s Labor Force Availability.
 - 2.9.4.3. Listing of Design-Builder’s current community activities such as membership and participation in local organizations, associations, scholarship programs, mentoring, apprenticeships, internships, community projects, charitable contributions and similar endeavors.
- 2.9.5. Subcontractor Documentation
- 2.9.6. Documentation submitted in accordance with this section shall be included in an attachment, which shall be titled “Subcontractor Documentation” to the SOQ.
- 2.9.6.1. Past Participation Levels - Listing of Design-Builder’s Subcontractor (including constructors and design professionals) and Supplier past participation levels on each project listed in response to Section 5.0, Experience & Technical Competence of this RFQ. The Design-Builder shall use the Subcontractor Past Participation List (Constructors, Design Professionals, or Suppliers/Vendors) Form AA50, for this purpose (refer to Attachment ‘D’). Include the name of project, type of project, value of project, Subcontractor, Designer, or Supplier/Vendor firm name, percentage of participation, and identification of the firm’s ownership as a certified Minority Enterprise (MBE), Women Business Enterprise (WBE), Disadvantaged Business Enterprise (DBE), Disabled Veteran Business Enterprise (DVBE), or Other Business Enterprise (OBE) or Emerging Local Business Enterprise (ELBE) or Small Local Business Enterprise (SLBE). Design-Builder should demonstrate a consistent pattern of including certified MBE, WBE, DBE, DVBE, and OBE or ELBE and SLBE.
- 2.9.7. Non-Discrimination in Contracting
- 2.9.8. Upon the City’s request, Design-Builder agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that Design-Builder has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Design-Builder for each subcontract or supply contract. The Design-Builder further agrees to fully cooperate in any investigation conducted by the City pursuant to the City’s Nondiscrimination in Contracting Ordinance (Municipal Code Sections 22.3401 - 22.3417). The Design-Builder understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in remedies being ordered against the Design-Builder up to and

including contract termination, debarment, and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Design-Builder further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination Ordinance apply only to violations of said Nondiscrimination Ordinance.

2.9.9. Disclosure of Discrimination Complaints

2.9.10. A list of complaints filed or pending against Design-Builder or a written statement from the Design-Builder in accordance with the Section 2.4, “Nondiscrimination Ordinance.”

2.9.11. Failure of Submission

2.9.12. Failure to submit the required EOCP information will result in SOQ being determined as **non-responsive**.

2.10. Financial Information and Arrangements (10 Points Max):

2.10.1. If the Design-Builder is a Joint Venture, the Design-Builder shall address the proposed financial arrangements between the Joint Venture members as they relate to liability to the City for work to be performed under this Project.

2.11. Change Order and Litigation History (10 Points Max):

2.11.1. Change Order History: Provide a spreadsheet that outlines the projects the Design-Builder has completed over the last 3 years; the original contract value of the list projects; the quantity of change orders for each project; and, the percentage of total change order dollar amounts to original contract value for each project. Provide non-owner initiated change order activity as a percentage of the total change order activity. Provide any explanation of change order activity by project that Design-Builder deems appropriate.

2.11.2. Litigation History: Provide a sealed letter that lists all litigations for the past 5 years (or since your last pre-qualification clearance from the City) your firm or firms, if organized as a joint venture, was a party concerning all of the following:

2.11.2.1. Civil or criminal violations of the Occupational Safety and Health Act against any member of the Contractor.

2.11.2.2. Civil or criminal violations of the Contractors’ State License Law against any member of the Contractor.

2.11.2.3. Any conviction of any member of the Contractor of submitting a false or fraudulent claim to a public agency.

- 2.11.2.4. Civil or criminal violations of federal or state law governing the payment of wages, benefits, or personal income tax withholding, or of Federal Insurance Contributions Act (FICA) withholding requirements, state disability insurance withholding, or unemployment insurance payment requirements against any member of the Contractor. Only violations by a Contractor, as an employer shall be deemed applicable, unless it is shown that a member of the Contractor, in his or her capacity as an employer, had knowledge of a subcontractor's violations or failed to comply with the conditions set forth in §1775(b) of the State Labor Code.
- 2.11.2.5. Civil or criminal violations of federal or state law against any member of the Contractor governing equal opportunity employment, contracting or subcontracting.
- 2.11.2.6. A description of all instances where a surety company finished the work of a member of the Contractor, or made payments to subcontractors or workers on behalf of a member of the Contractor.

Total Points 100

SOQs that do not contain the aforementioned components may not be considered.

ATTACHMENT C

**CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR
QUALIFICATIONS DOCUMENT**

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes no exceptions to this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative Date

Authorized Representative's Title

Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes the following exceptions
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative Date

Authorized Representative's Title

Company

ATTACHMENT D
FORMS

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: _____

TYPE OF PROJECT: _____ DOLLAR VALUE OF PROJECT: _____

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.



City of San Diego
 EQUAL OPPORTUNITY CONTRACTING PROGRAM
 1200 Third Avenue, Suite 200, San Diego, CA 92101
 (619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: _____

AKA/DBA: _____

Address (Corporate Headquarters, where applicable): _____

City _____ County _____ State _____ Zip _____

Telephone Number: () _____ FAX Number: () _____

Name of Company CEO: _____

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: _____

City _____ County _____ State _____ Zip _____

Telephone Number: () _____ FAX Number: () _____

Type of Business: _____ Type of License: _____

The Company has appointed: _____

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: _____

Telephone Number: () _____ FAX Number: () _____

For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of

 _____ (Firm Name)
 _____, _____ hereby certify that information provided
 _____ (County) _____ (State)

herein is true and correct. This document was executed on this day of _____,
 200_____.

 (Authorized Signature)

 (Print Authorized Signature Name)

WORK FORCE REPORT - Page 2

NAME OF FIRM: _____ DATE: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial														
Professional Specialty														
Engineers/Architects														
Technicians and Related Support														
Sales														
Administrative Support/Clerical														
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GRAND TOTAL ALL EMPLOYEES														
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

WORK FORCE REPORT - Page 3

NAME OF FIRM: _____ DATE: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers														
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN														
GRAND TOTAL ALL EMPLOYEES														

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: _____

Certified By _____ Title _____
Name
 _____ Date _____
Signature

USE ADDITIONAL FORMS AS NECESSARY



Response to Request for Qualifications

Multiple Award Design-Build Contracts (MACC) for Energy Conservation Measures and Buildings Retrofits Projects at City Facilities.



Table of Contents

- 16.1 Acknowledgement of Addenda to this RFQ
 - 16.2 Identification of Design-Builder
 - 16.3 Exceptions to this RFQ (Attachment C)
 - 16.4 Executive Summary
 - 16.5 Experience and Technical Competence
 - 16.6 Proposed Method to Accomplish the Work
 - 16.7 Knowledge of Local Environments
 - 16.8 Organization Chart and Key Personnel
 - 16.9 Equal Employment and Contracting Opportunity
 - 16.10 Financial Information and Arrangements
 - 16.11 Change Order and Litigation History
- Additional Documents-Attachments
Change Order History (Confidential)
Resumes and City Forms

1.6.1. Acknowledgement of Addenda to this RFQ

As President of Baker Electric, I have the authority to legally bind Baker Electric and our sub-consultants, sub-contractors to contractual terms and conditions. Baker Electric affirms that our proposed Team Members will be available and committed throughout the duration of the contract.

Baker Electric acknowledges Addenda's 1-4 as part of this RFQ



Ted Baker
President

8-1-14

Date

1.6.2 Identification of Design Builder:

2.2.1: Legal name and address of company

Baker Electric, Inc.
1298 Pacific Oaks Place
Escondido, CA 92029

2.2.2: Legal form of company:

S Corporation – California
C0305677

2.2.3: Year of establishment of entity

1938

2.2.4: Company is not a subsidiary of a parent company

2.2.5: Address of main office

1298 Pacific Oaks Place
Escondido, CA 92029

2.2.6: Address of satellite office if applicable

1218 Pacific Oaks Place
Escondido, CA 92029

2.2.7: Contact information for firm

Michael Farrell
Business Development Manager-TSG
mfarrell@baker-electric.com
Phone: 760-745-2001

2.2.8: Number of employees in San Diego County

337

2.2.9: Applicable Licenses

2.2.9.1: City of San Diego Business License

B1974006075 Expires: 06/30/2017

2.2.9.2: State Contractor's License Number

161756 Expires: 08/31/2017

Classifications: B, C10, C46

2.2.9.3: Professional Engineering/Architect License

E17102 Expires: 09/30/2017

2.2.10: Contact person concern SOQ

Michael Farrell
Business Development Manager-TSG
mfarrell@baker-electric.com
Phone: 760-745-2001

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of Baker Electric
(Company Name)

hereby stipulates that Baker Electric takes no exceptions to this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.


Authorized Representative

8-1-16
Date

President

Baker Electric
Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes the following exceptions
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative

Date

Company

1.6.4. Executive Summary



Full Service for Four Generations

Baker Electric has been in business since 1938 and is a fourth generation, full service Electrical Contractor. We have completed multi-million dollar contracts throughout Southern California, acting as both prime and subcontractor. Our project portfolio includes Commercial, Industrial, Military, Hospitality, Government, Multi-Family, Institutional and Education sectors.

Areas of Expertise

Baker Electric has extensive experience in the planning, coordination and project management of major projects with critical schedules. We have the ability to handle any size project and any installation, through our Construction, Service, Controls, Solar and Energy Divisions. Under our “B-General”, C10-Electrical, and “C46-Solar” California Contractor Licenses, we can provide the City of San Diego a complete turn-key solution for all energy and electrical related projects and requirements from conception through design/build to final project completion and any required follow-up maintenance.

Our solid core of professional project managers can prepare, track and update detailed procurement schedules, material submittals, and labor loading schedules to insure each project is completed to the City of San Diego’s satisfaction. We have executed Design-Build, construction management, and negotiated contracts, rigidly adhering to the quality standards and specifications required by our clients.

Company Profile:

- Member of IBEW
- 2015 Revenue of **\$130 million**
- **Average 750** Employees
- Excel at Design-Build and BIM Modeling
- Single largest electrical project **\$37 million**
- 2015 EMR of **0.73**
- D&B Rating: **1R2**
- Bonding Capacity: **\$150 million aggregate, \$75 million single project**
- CSLB: 161756 (B, C10, C46)
- DIR: 1000000466

Senior Management Team:

- ❖ **President:** Ted Baker, fourth generation President of Baker Electric, has been with Baker Electric for 21 years and has over 22 years of electrical contracting management experience.
- ❖ **Chief Financial Officer:** Brian Miliate, Chief Financial Officer for Baker Electric possesses over 20 years of professional experience
- ❖ **Vice President:** Keith Fleming, Vice President of Pre-Construction Operations has over 29 years of electrical contracting management and estimating experience and has been with Baker 29 years.
- ❖ **Vice President:** Jim Gagnon, Vice President Construction, whose responsibility includes oversight of Project Management. Jim has over 30 years of professional electrical construction experience.
- ❖ **Vice President:** George England, Vice President has over 30 years of professional experience in the electrical contracting industry.

Safety

Baker Electric is committed to keeping our employees and all others in the workplace safe. Our belief that people and property are our most valuable assets is the cornerstone of our Safety Program. We are continually recognized by our customers for leading the way when it comes to safe work practices.



AGC-National Safety Excellence Award



AGC-San Diego Construction Safety

Besides our moral obligation and concern for our employees, safety is also important because it can affect project results, our reputation, and employee relationships. We have low employee turnover, with an average of eleven years employment in our executive management team and the balance of key employees averaging seven years of employment. This makes it easier to instill the importance and permanence of our safety attitude and culture.

Baker Electric has a written safety plan, pro-active accident program, Code of Safe Work Practices, Hazardous Communication Program, Safety Council, designated Safety Director and Safety Manager and a strictly enforced substance abuse program.

We hold weekly safety "tailgate" meetings, monthly safety committee meetings, quarterly foremen meetings, pre-job planning conferences with management, and random job site audits by our Safety Manager. A site specific safety plan is developed for every project Baker Electric is involved in. Our Superintendents regularly inspect the job sites, and, each month, senior management reviews company-wide safety performance.

1.6.5. Experience and Technical Competence

➤ California State University San Bernardino

Main Campus - 5500 University Pkwy., San Bernardino, CA 92407-2318

Palm Desert Campus - 37500 Cook St, Palm Desert, CA 92211

Department: Facilities Services

Contact name/title: Tony Simpson, Sr. Director of Facilities Services

Telephone: (909) 537-5166 o / (909) 528-3336 c

E-mail: tsimpson@csusb.edu

Project Installation and Punch List Complete: February 28, 2014.

Continuous System Commissioning/Programming for Performance

Refinement/Improvement for 1 Year: (Completion December 2014).

Contract Value: \$2,536,396.54



The project scope included retrofitting over 1,765 exterior HID pole mounted and parking structure fixtures with new LED fixtures and integrated wireless controls on two of the university's campuses. All of the fixtures are 4000K color temperature, the closest to natural moonlight. This color enhancement allows for improved security camera detail and visual night site improvement (color rendering determination). All of the fixtures are Dark Sky Compliant to eliminate light pollution in respect for the neighboring natural spaces and the university observatory. All fixtures are also DLC Certified, allowing for the procurement of utility incentives via the CSU/IOU Partnership Program.

The integrated and adaptive wireless controls system provides the university granular control as low as the fixture level. The system provides ANSI grade/utility grade metering for system performance measurement/verification, exception/alarm reporting, dimming capabilities (additional savings) and advanced scheduling. The system has both onsite and mobile access for instantaneous control. The university observatory atop the adjacent hill can request dimmed light levels for improved astronomical viewing. The University Police have first responder override capabilities when necessary.

The pole lights are all controlled at either the pole level or the fixture level, depending upon the number of fixtures per pole. All fixtures are scheduled based on pre-determined zones with global ambient sensor override. All have the ability to be overridden or altered instantaneously via mobile access.

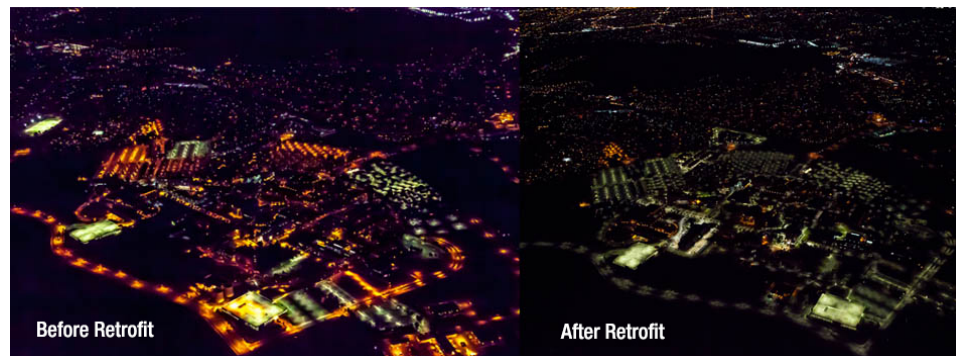
The two parking structures included also have advanced bi level and daylight control. Through the use of occupancy sensors, each fixture is assigned to either a specific sensor or to multiple sensors depending upon location for ample coverage. Astronomical clocks and ambient light levels determine what levels of light each assigned fixture needs to produce.

Additionally, the university included over 690 wall pack fixtures on their main campus retrofitting them from HID to low wattage LED fixtures. All of these fixtures are DLC Certified and Dark Sky Compliant with matching 4000K color temperature.

All higher education has significant exterior lighting footprints. Now, a template has been established for mass repeatability with favorable results including financial returns. The process that was implemented from auditing, engineering, design and installation is now boiler plate.

The program included several cross departmental meetings focused on product reviews, conceptual ideas and lessons learned from other ground breaking initiatives. The meetings were collaborative to ensure all the desires and needs of each department were met. The collaboration also proved to be fruitful from an innovation perspective. Ideas were translated back to vendors, contractors and manufacturers to “push the limits” of what was available to what was acceptable. University Management participated in guidance from financing and ensuring the brand of the campus was maintained. The Director of Parking Services along with several other department leaders (i.e. Natural Sciences for Observatory and Student Housing) were interviewed to see what would make the project more appealing for each of them, respectively. . The university IT Department was critical in identifying issues, making sure the new system would not impact the campus “Wi-Fi”. A 16 channel frequency hopping solution was implemented to alleviate internet/“Wi-Fi” traffic congestion. A single communication trail began via email in a forum like fashion and global access to a cloud based project document bank were provided.

Through collaboration, the logistics carbon footprint plan, the use of existing infrastructure, abiding of Dark Sky Compliancy and recycling every possible component of the old fixtures created a top to bottom sustainable project. All material and deliveries were generated within a specific distance or radius. All lamps and ballasts were recycled per EPA requirements. All fixture metal was scraped and recycled for future use. While onsite, the recycle bins were filled with old metal fixtures, poles, lamps and ballasts from the maintenance yard for additional recycle.



➤ **San Diego Unified School District**

Department: Physical Plant Operations

4860 Ruffner Street, San Diego, CA 92111

Contact name/title: Christopher Palis, Energy Utilities Program Coordinator

Telephone: (858) 627-7171 o / (619) 507-5503 c

E-mail: cpalis@sandi.net

Contract Value: Not to exceed \$3,000,000 annually

This is an on-going project involving multiple school sites within the City of San Diego



The agreement covers the furnishing, installation and retrofit of LED Lighting on an as-needed basis. The scope of work includes Pre-Construction Services for multiple Elementary, Middle and High School sites. This includes the development of work plans, scheduling and phasing plans, site-specific safety plans, quality control plans, verification of line item quantities, preconstruction site walks, material staging locations and meetings with various District representatives.

Under our agreement, Baker Electric furnishes and installs:

- Replacement of LED troffer fixture replacement/retrofit kits, complete dimmable with occupancy sensor, photo sensor and all required testing and commissioning.
- Installation of new LED troffer fixtures, complete dimmable with occupancy sensor, photo sensor and all required testing and commissioning.
- Replacement of LED surface or pendant mount fixture replacement/retrofit kits, complete dimmable with occupancy sensor, photo sensor and all required testing and commissioning.
- Replacement of LED surface or pendant mount fixture replacement/retrofit kits, with remote occupancy sensor, photo sensor and dimmable, and all required testing and commissioning.
- Install new Wall mounted LED bug-eye light fixtures complete with 90 minute back-up and self-diagnostics.
- Installation of DLC listed/approved LED T8 Lineal Lamps.
- Installation of ceiling mounted dual technology occupancy sensors.
- Installation of ceiling mounted photo sensors and required T24 testing and commissioning.
- Installation of wall mounted wireless dimmers.
- Installation of wall mounted wireless scene selector dimmers.

Recycling every possible component of the old fixtures has aided in the sustainability of the projects. All lamps and ballasts are recycled per EPA requirements. All fixture metal is scraped and recycled for future use. Onsite, recycle bins are provided for the collection of old metal fixtures. Separate onsite containers are provided for the collection of, lamps and ballasts. Recyclable materials are removed from the work sites by an approved Recycler and taken to their facility for sorting, and documentation of "harvested materials" for reporting purposes prior to recycling.

➤ **Snowline Joint Unified School District (SJUSD)**

District Office: 4075 Nielson Road, Phelan, CA 92371

Contact name/title: Mike Schene, Maintenance & Operations

Telephone: (760) 868-5817 o / (619) 507-5503 c

E-mail: cpalis@sandi.net

Schneider Electric, North America Operations, Energy & Sustainability Services

150 N. Robin Privado, Ontario, CA 91764

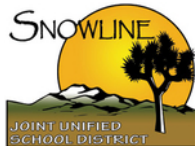
Contact name/title: Troy Graham, Senior Project Manager, West Region

Telephone: (804) 248-9073 o / (909) 214-4380 c

E-mail: Troy.Graham@schneider-electric.com

Contract Value: \$3,689,456

Estimated Project Completion: End of August 2016



A \$3.6 million energy efficiency project within Snowline Joint Unified School District, turned to Schneider Electric and Baker Electric to move forward on an energy savings performance contract that has since allowed the district to make progress with its facilities master plan. The project does not include any tax impact on local citizens. Nearly 20 percent of the project will be paid for with grant funding from the California Proposition 39 Clean Energy Jobs Act.

The project includes all 15 sites of the district, four of which will become “zero energy campuses,” producing as much energy as they consume through clean, renewable resources over the course of one year after the project’s completion. The project upgrades includes new interior and exterior LED lights and lighting controls. The project is set to be completed by August 2016. Schneider Electric projects that it will reduce SJUSD’s energy costs by 28 percent and reduce overall energy and maintenance costs by nearly \$8.5 million over the next 20 years.

Under the agreement, Baker Electric furnishes and installs:

- Replacement of LED troffer fixture replacement/retrofit kits.
- Installation of new LED troffer fixtures.
- Replacement of LED surface or pendant mount fixture replacement/retrofit kits.
- Replacement of pole top, pole mounted, wall pack and under canopy lighting fixtures with new energy efficient LED fixtures
- Install Integrated Bi-Level occupancy sensors on poles mounted under 24’.
- Installation of DLC listed/approved LED T8 Lineal Lamps.
- Installation of ceiling mounted dual technology occupancy sensors.
- All required T24 testing and commissioning.

To date, Baker Electric has installed in excess of 8,600 LED Retrofit Kits (Evo) and 1,500 Motion Detectors as part of this agreement

All lamps and ballasts are recycled per EPA requirements. All fixture metal is scraped and recycled for future use. Onsite, recycle bins are provided for the collection of old metal fixtures. Separate onsite containers are provided for the collection of, lamps and ballasts. Recyclable materials are removed from the work sites by an approved Recycler and taken to their facility for sorting, and documentation of “harvested materials” for reporting purposes prior to recycling.

Baker Energy Solutions operates as a division of Baker's Technology Services Group and is focused on providing engineered energy conservation measures for Federal and State Government Facilities, Educational Facilities, and other commercial properties.

Baker Electric has a dedicated Energy Solutions Team (BEST) that focuses on sustainable design build projects resulting in energy savings and incentive procurement for our clients. We are a comprehensive engineering, design and installation firm specializing in lighting control and lighting projects that provide sustainable energy savings. As an Application Specialist, Baker Energy Solutions focuses on developing and implementing cost-effective solutions for energy conservation projects. By combining both lighting upgrades and sensor controls, we create innovative designs custom to our clients' needs that save energy and generate a strong return on investment. With our detailed efficiency reports, Baker's energy professionals design an energy solution unique to the project. Using our knowledgeable installers, we are able to execute the design in the field to ensure that the proper equipment is applied. Every project is approached with an agenda free, product neutral and scalable mindset to meet the customer's needs. Our access to a broad range of advanced products and best practices ensures the best solution for every project. BEST uses the advanced capabilities of Baker's internal (self-performing) divisions to maximize implementation performance and results. BEST has consulted, audited, designed and implemented a significant amount of lighting design build projects both locally and nationally. Lighting project accounts include, but are not limited to: Albertson's (Safeway), Ashley Furniture, Housing Authority County of San Bernardino, Kaiser Permanente, NAS North Island (Coronado), The Prime Group, UCI Medical Center, and Weingarten Real Estate Investors. In the City of Riverside, we installed a comprehensive design build security project that integrates new intelligent controls into new exterior LED lighting for several city sites.

BEST has experience in estimating and management of California IOU Partnership program incentive driven projects. CALCTP Certified personnel are imbedded on any projects involving lighting control to insure proper commissioning and performance. As this becomes a requirement in the State for Advanced Lighting Controls Incentives. BEST considers this "Standard Practice".

With a deep understanding of variables to all aspects of interior/exterior lighting, we let the engineering and the client's requirements drive the specification. A comprehensive approach is undertaken on all interior/exterior lighting projects that include: LED luminaires evaluation, advanced wireless controls evaluation and integration platforms, "Dark Sky" compliancy, urban influence, operation and maintenance impact, and multi-faceted photometric studies.

As a contractor, Baker Electric has implemented programs internally and with all of our Suppliers related to "Lean manufacturing" principles. Lean manufacturing is based upon the elimination of waste, including time lost waiting for missed/delayed supplies, unnecessary storage, and value tied-up in large stocks of parts waiting for assembly. "Just in time" (JIT) delivery is a vital element and lean manufacturers have had to develop their network of suppliers. Significant efforts are applied to encourage them to adopt the same lean manufacturing principles and systems, often company-wide, rather than solely related to that part of the suppliers operations that affect the manufacturer.

Baker Electric has unique in-house assets that are available based on the scope of work that may be required on a project. We have registered Professional Engineers on staff utilizing AutoCAD and Revit for our Electrical Designs and BIM modeling. Our Design-Build Manager is an Electrical Engineer with 18 years of experience and has been with Baker for 16 years. Our BIM Specialist has 10 years of BIM/Revet experience and worked on San Diego's Downtown Library project prior to joining Baker. We believe that though project management, and using the design and submittal of 3D Modeling for Design/Build and Design/Assist engineering brings added value to our Clients projects. We utilize integrated design and build arrangements (including partnering) to encourage close cooperation between designers, constructors and specialist suppliers. Baker Electric maintains a comprehensive list of pre-qualified experiences subcontractors that we engage based on the project and scope of work. These subcontractors include Specialty Contractors, Engineering Firms, HVAC and Mechanical Contractors and firms specializing in Energy Efficiency upgrades/improvements. In addition our Controls group is one of the largest automation installation groups in the State of California. Baker Electric has LEED Accredited and CALCTP Certified personnel on staff to meet the ever expanding need for "Green" construction projects. They are assigned as part of a project teams as needed.

Partial Listing of Completed BIM Projects

Customer	Project	Market	Electrical Value	Location
Austin/Sundt Joint Venture	SDIA Rental Car Center	Commercial	\$1,310,000	San Diego, CA
Balfour Beatty Construction	Solana Beach Elementary School #7	Education	\$2,610,440	San Diego, CA
Grossmont-Cuyamaca Community College	Grossmont College Griffin Center and Student Center	Higher Education	\$4,713,500	El Cajon, CA
Whiting Turner Contracting	SANDAG Bus Maintenance Facility	Commercial	\$2,600,000	Chula Vista, CA
Swinerton Builders	Yorba Linda Performing Arts Center	Education	\$1,922,590	Placentia, CA
Flintco Constructive Solutions	Air Traffic Control Tower	Military	\$2,591,700	March Air Reserve Base, CA
Walsh Construction	VA Loma Linda Healthcare	Healthcare	\$9,100,000	Redlands, CA
Balfour Beatty Construction	P114 Double Hangar Replacement	Military	\$4,909,460	Oceanside, CA
Balfour Beatty Construction	Mesa Community College Bookstore & Cafeteria	Higher Education	\$3,259,420	San Diego, CA
West Coast Air Conditioning	SDSU Main Chiller Plant	Higher Education	\$2,234,900	San Diego, CA
San Diego Community College	Cesar Chavez Continuing Education	Higher Education	\$2,023,280	San Diego, CA

Baker Electric has performed in excess of 125 Design-Build projects representing over \$120 million in electrical contracts (or approximately \$1.2 billion in construction value). Our largest single Design-Build project had an electrical contract value in excess of \$12 million.

Partial List of Completed Design-Build Projects

Customer	Project	Market	Electrical Value	Location
Kitchell Contractors	Valley View Casino Expansion	Indian Gaming	\$8,107,227	Valley Center, CA
AEL Construction	Fantasy Springs Casino	Indian Gaming	\$2,299,638	Indio, CA
Straub-Martin Harris	USMC BEQ Pkg 9	Military	\$21,019,558	Twentynine Palms, CA
Straub-Martin Harris	Quality of Life Package 4	Military	\$8,786,705	Twentynine Palms, CA
West Coast Air Conditioning	John Wayne Airport CP	Energy	\$5,265,506	Santa Ana, CA
Soltek Pacific	Renovate Hangar 1456	Military	\$4,078,157	Coronado, CA
Bilbro Construction	Renovate Building 3143	Military	\$3,624,778	San Diego, CA
Richard & Richard	The Quad at CSUSM	Higher Education	\$2,619,705	San Marcos, CA
West Coast Air Conditioning	NMC Cogeneration Plant	Energy	\$2,494,412	San Diego, CA
Turner Construction	Paseo de Mission Hills	Commercial	\$1,640,683	San Diego, CA
Balfour Beatty Construction	Hill Creek Elementary School Modernization Phase 2	Education	\$1,559,827	Santee, CA
RQ Construction	Waterfront Ops P-739	Military	\$1,528,671	Coronado, CA
A&D General Contracting	BEQ 41371 Renovation	Military	\$1,369,498	Oceanside, CA
Korte Construction Company	USPS San Diego FSS Expansion	Government	\$1,321,657	San Diego, CA
BAE Systems	BAE Building 61 Gear Change	Energy	\$1,146,154	San Diego, CA

Baker's Design-Build capabilities also extend to Clients having Solar requirements. Our Commercial Solar Group is experienced in all facets of Commercial Solar Installations, including working with PPA's. We have experience in rooftop, ground-mount and carport design and installation.

Partial Listing of Commercial Solar Projects

Customer	Project	System Size (MW)	Type	City
Borrego Solar Systems	Wilson Education Option	386.4	Carport, Roof	Santa Clara
Palomar Community College District	PV for Palomar Humanities	164	Roof	San Marcos
Highland Partnership, Inc.	Melvin Garb Hillel Center	32	Roof	San Diego
Borrego Solar Systems	Peterson Middle School	483.84	Carport	Sunnyvale
Borrego Solar Systems	Mariposa Elementary School	201.6	Carport, Roof	Santa Clara
Environmental Systems Research	ESRI Bldg. NA	60.5	Roof	Redlands
ViaSat	ViaSat Carlsbad Bldg.	24	Carport	Carlsbad
The Seastone Group, LP	The Seastone Group, LP	61.8	Roof	Escondido
Balfour Beatty Construction	PV Solana Beach ES #7	187	Carport, Roof	San Diego
The Slatestone Group, LP	The Slatestone Group, LP	18.3	Roof	Escondido
Voelker Real Estate Holdings	Voelker Real Estate Holdings	45.8	Roof	San Diego
A & D General Contracting	Repairs to BEQ 41371	50	Roof	Oceanside
Whiting-Turner Contracting Com	PV SB Bus Maintenance Facility	100	Roof	Chula Vista
Escondido Disposal, Inc - SM	Escondido Disposal Inc.	96	Roof	Escondido
SD Valve & Fitting Co., Inc	San Diego Valve & Fitting	90	Roof	San Diego
Dupaco, Inc	Dupaco Inc.	190	Roof	Oceanside
Reno Contracting Inc.	SCAQMD Bubbling Wells ES	320	Ground	Desert Hot Springs

In addition, Baker Electric has extensive experience as both a Prime and Subcontractor in HVAC replacements and retrofits including controls. We have used AutoCAD and Revit to design plans for demolition and new construction of HVAC, plumbing and electrical systems. And have developed BIMS for numerous government buildings. A partial listing of HVAC Projects include: John Wayne Airport Central Plant, College of the Desert Central Plant, Grossmont Cuyamaca Community College District, Mira Costa College, Sharp Grossmont, and Valley Center Schools.

1.6.6. Proposed Method to Accomplish the Work

Design

Whether Baker Electric is retained early in a Design-Build or Design-Assist project, we have the greatest impact on a project at the earliest stages of design, where we can provide input on the electrical systems, materials selection, and costing. We will look for better and more efficient ways to design and build, to ensure that the City's project is receiving the best solutions that adhere to the project goals and design characteristics at the most competitive price. At each of the remaining design phases, we will develop estimates, conduct constructability, and look at value engineering opportunities to make certain the City of San Diego is getting "the biggest bang for the taxpayer buck."

Estimating

During the course of our Design-Assist engagement, we will be creating and refining a number of electrical cost estimates. Baker Electric uses AcuBid estimating software for our take-offs historical cost data and estimate development. This software is the standard in the electrical industry and is used by nearly all of the larger electrical firms.

Estimates are only as good as the historical cost data that a company maintains. Baker Electric maintains and is constantly updating one of the best cost data base in the industry. We are regularly adjusting our cost models for wage and material increases and current San Diego market conditions.

Once we establish the first estimate, all other subsequent estimates will be compared with the previous estimate for comparison and identification of variances. This comparison allows Baker to accurately determine where the growth or savings have been realized.

Constructability

Constructability optimizes construction knowledge and experience in planning, design, procurement and field operations to achieve overall project objectives. Specifically on City projects, Baker will be looking for ways to lower cost, shorten schedules, and improve our field productivity.

During our constructability reviews we are always asking the following questions;

Can it be built as designed?

Can it be built in a more efficient manner?

Can it be built for the budget?

Can it meet the schedule requirements, particularly the long lead procurement needs?

Value Engineering (Cost Savings)

Baker Electric's cost savings approach is comprehensive and proactive. It is also cost and schedule driven. The sooner our pre-construction experts begin studying the project requirements the sooner cost saving options can be generated. Our value analysis is more than simply suggesting lower priced materials or equipment to reduce costs. Rather, it is a process unique to each project, identifying the goals of the facility and the means to provide the highest value without compromising quality.

Value Engineering does not always equate to immediate cost savings. We will present options for products that initially might cost more, but in the long run will outperform the less expensive product, thus providing greater value for the money spent. In such cases, we provide a life-cycle analysis to indicate the payback period. A perfect example of life-cycle analysis payback period is the use of commercial solar PV's on an applicable project. We will

present an analysis of the initial cost versus the payback period and savings over the life of the PV array. Baker is a leader in this type of analysis.

Baker Electric understands how to maintain quality and project intent while implementing a cost effective design. Our design will include value decisions, quality of material selection, attention to quality and timely project delivery. Our cost effective design will be based on a collective approach to establishing suitable budget targets for all electrical project components at the earliest stage and achieving project priorities that the design, construction and client team agrees to. Once the budget targets have been established, those budgets would be constantly measured against the evolving design as it progresses. Through this process, if budget issues are discovered, resolution would be handled immediately by interacting with the design team to achieve the intent and maintain design excellence and successful delivery. We will incorporate construction team members throughout the design process to promote additional ideas and solutions to the various components within the framework of the overall project objective. We are proficient at identifying and evaluating potential conflicts early in the design process and finding solutions which avoid unnecessary compromises or late changes which would be more costly.

Once an executed work order is received, Baker Electric will immediately assign a Project Manager to the project. All of our Project Managers are experienced professionals well versed in managing small to large scale complex projects.

Scheduling

We will define and develop the Master Schedule during the Preconstruction Phase of the project. At each phase of design we refine the schedule to integrate all activities required for the complete our work. These activities will include design milestones, permits, approvals, long lead material procurements, construction activities, commissioning of the facility and project closeout.

We conduct a thorough hand off from the Estimator/Pre-Construction team to the Project Management/Planning Team. Within this group, the Project Manager works with our Area General Superintendent to assemble a Field Team lead by one of our Foreman. This Foreman will be the lead on-site electrician. Each of these team members work closely with our Planning Department to become familiar with the project, identify any potential long-lead material items, and focus on quality assurance and efficiency concerns. Concurrently, the Project Manager will make a visit to the Site with our Safety Director and begin developing a comprehensive Safety Plan.

Safety

Maintaining a safe project will be foremost to all involved. Baker has made a substantial investment in day-to-day safety awareness and training. Baker's Safety Manager will help identify safety concerns and develop a safety plan, unique to the project.

Construction

Once construction begins, the Area Superintendent will make regular visits to the site to ensure the City is happy and that our plan is going to schedule. Additionally, the Project Manager will remain the main contact point between Baker Electric and the City. All problems questions, correspondence, billing etc. will be routed through the Project Manager. All Project Managers work in the same office as the President of the Company as well as all Group Executives. Since we are a fourth generation family-owned company, we are able to provide fast, local response to any customer concern

Quality Control

Baker's long standing QC Initiative starts early in the project with our planning process. We have a Quality Control Manual that all our field employees are expected to be familiar with; in addition our project foremen are trained in reviewing installations. A checklist and schedule are created for each project that includes testing at each key step and then a final testing at the end of the project. After construction begins bi-weekly QC visits are performed onsite. These are strategic milestones which have proven time and time again to ensure site quality and elevate chances of smooth completion. In addition, internal punch lists are generated by our Field Superintendents at every major milestone of the project.



Logistics

Baker's logistics program consists of 20+ field and office professionals, with 6 full time trucks touching all of Southern/Mid California each day. Any special tooling or equipment needed for a project is addressed and procured during the planning phase of a project. Coordination/logistics software is used to ensure on time deliveries and seamless support is provided to our field leadership.

Prefabrication and Production

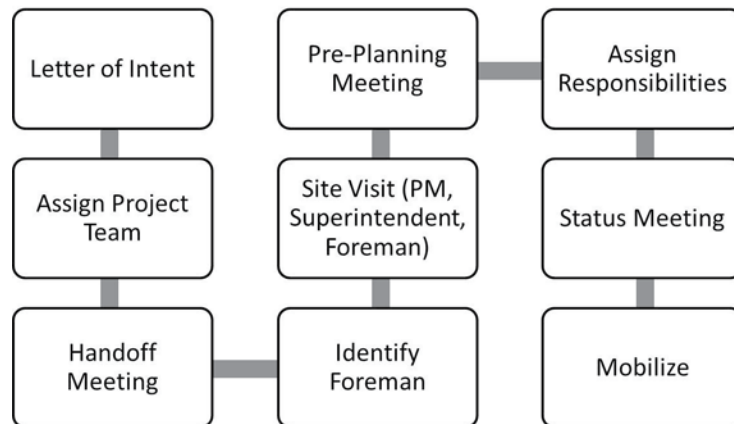
Baker's full time planning department works tirelessly with our pre-fabrication department to ensure timely, quality and accurate pre-fabricated materials. Our proven pre-fabricated installations reduce the presence of field waste and reduce schedule impacts to the project. We fabricate material for all facets of a project. From underground to light fixtures our pre-fab shows up to the site fully designed, built, organized and labeled.

Baker Electric is innovative in the use of prefabrication, performing both on site and in our warehouse. The virtual design will allow us to fabricate and kit assemblies by area, inclusive of all required installation materials, minimizing our storage footprint by delivering according to scheduled installation dates and increasing our production in the field. Detail information will allow us to prefabricate walker duct cut to length, overhead racking for cable tray and conduits and cable whips for fixtures and equipment, all labeled in correspondence with installation drawings. With our experience using these methods in the past, we've been able to increase our production, maintaining and/or beating scheduled install dates benefitting the project.

Virtual design also allows us to incorporate the use of our Trimble total station, decreasing time needed for layout and increasing productivity and accuracy of installs. We would be able to accurately layout all deep underground, walker duct locations, overhead conduit and cable tray racks as well as wall device rough in. Using this method of layout allows us to provide complete and accurate as-built drawings while also providing feedback from the field, ensuring everything is being installed according to the model.

Production Control

Construction must be kept on schedule for the success of any Project. The Baker Team uses Job Planning Analysis Control (JPAC) to monitor real time deviations from the Project Plan. This allows accurate and prompt feedback of scheduling impacts and helps to identify issues in a timely manner. Supporting the task phasing with appropriate manpower loading will be controlled through Weekly Labor Planning. Baker tracks project manpower using a three to four week look-ahead approach. Baker Electric maintains a consistent qualified core crew that will man this project. Currently our work force exceeds 150 electricians.



Document Control

Baker Electric will initiate, prepare, receive, coordinate, file, process, distribute, monitor and review all project documents. This information will include, but is not limited to meeting minutes, submittals, design clarifications, pay requests, schedules, estimates, log reports, drawings, specifications, RFI's, samples, change orders, closeout documents, and warranties. The full range of project information will be inventoried at early coordination meetings with the City and other responsible parties involved in the project to establish the reporting procedures and distribution lists. The hierarchy and flow of information established at the coordination meeting will be carried forward by Baker Electric.

Overall Objective

The project must meet and/or exceed the expectations of the City. Over the past 78 years Baker Electric has demonstrated our commitment to our customer's satisfaction, our commitment to Safety and performance of quality work, and our ability to get the job done right the first time.

1.6.7. Knowledge and Understanding Local Environment

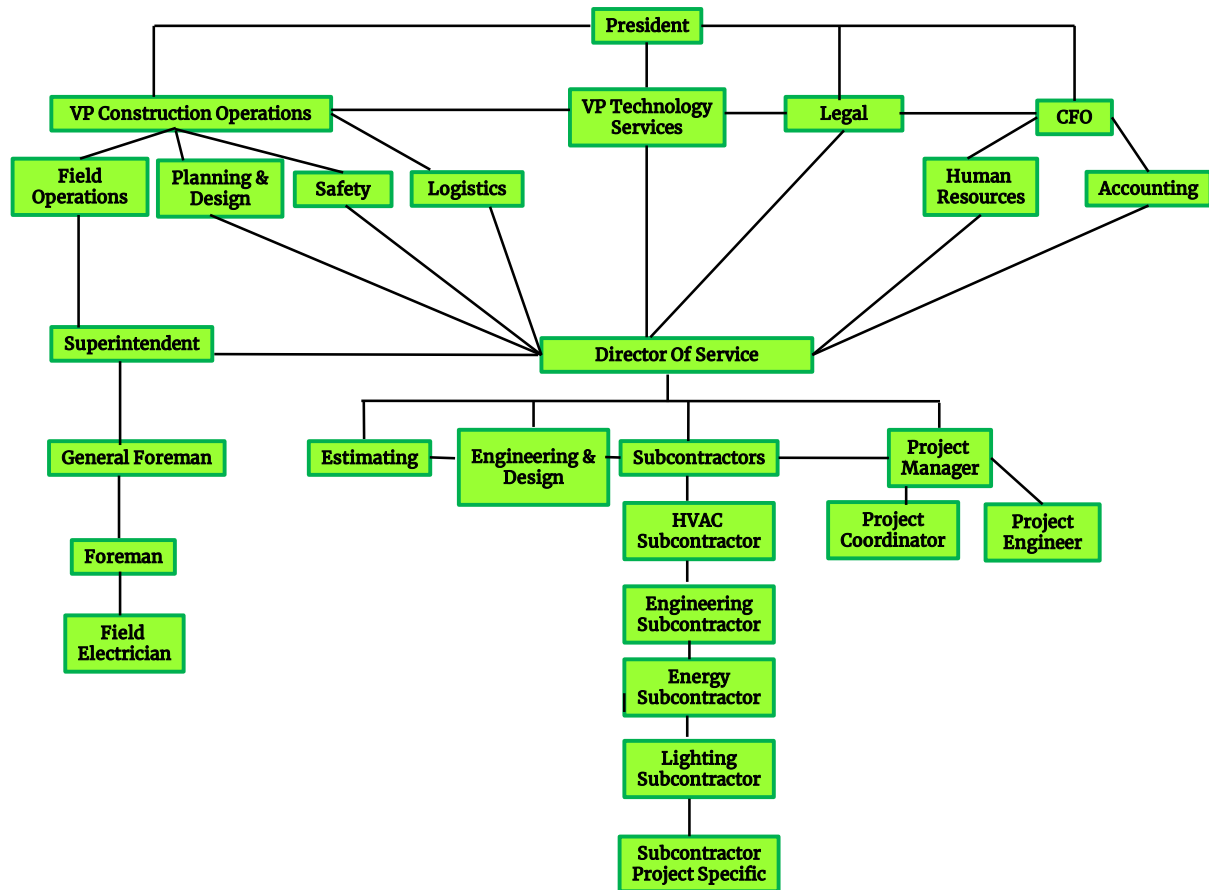
Baker Electric has been active with various types of projects in the region and within the City of San Diego and recently with the San Diego Metropolitan Transit Authority, Petco Park, and SANDAG. Most of our projects have allowed us to work with many of the city's staff in Developmental Services whether it be the processing of building permits or one-on-one interaction with the building inspectors.

By being in San Diego area for the past 78 years, we understand the need to provide our client's with superior services and experienced professionals. Many people call San Diego "**A big city with small town flair and where relationships are key**" and we agree whole heartily. By forging those relationships, we have been successful with our clients both public and private in providing various services for projects that include projects for General Atomics, NASSCO, Solar Turbines, San Diego County Water Authority, United States Navy, Grossmont Cuyamaca College District, North County Transit District, Qualcomm, San Diego Convention Center and San Diego Unified Schools to name a few.

Our professionals and those of our sub-consultants/contractors understand the way that cities are operated and that their personnel's time is valuable. One of our goals for this contract will be to work with the city personnel in such a manner that we do not take them away from their normal workday activities. To achieve this, we will rely heavily on our abilities to preplan and provide a schedule to those departments and personnel so sufficient notice can be provided and planned for by all parties. We have pinpointed 2 areas that we feel are key and those would be access to the assets and locating existing documents that might provide additional information that way not be available through the site visit and vice versa.

Baker Electric is excited to have the opportunity to work with the City of San Diego on this project and looks forward to expanding our working relationship.

1.6.8. Project Organization and Key Personnel



President:

CFO:

VP of Construction Operations:

VP Technology Services Group:

Director of Services:

Director of Safety:

Director of Human Resources:

Superintendent:

Manager of Estimating Operations:

Ted Baker

Brian Miliate

Jim Gagnon

George England

Steve Braverman

Angie McAnelly

Kim Mulzahn

Bill Roland

Mike Porges

All Project activities (Task Orders) will be coordinated and administered by the Baker Electric Technology Services Group. As Task Order requests are received, an Estimating Team will be established comprised of both internal and external (as may be required based on Scope of Work, covered under Task Order), resources to create a response. The Director of Service will be responsible for authorization and submission of Baker Electric's response to a Task Order request to the City for consideration. This Estimating Team will consist of and include input from the following:

Director of Service	Safety Director
Superintendent	Manager of Estimating Operations
Estimator	Project Manager

The following Personnel will be included on the Team, if required, based on the Task Order

CALCTP Certified Personnel	Internal Engineering Resources
External Engineering Resources	Internal Subcontracting Resources

Upon acceptance and issuance of a Notice to proceed from the City to Baker's response to a Task Order a Project Team will be established to coordinate, manage and perform the work authorized under the Task Order. This Project Team will consist of:

- Director of Service
- Accounting Manager
- Purchasing
- Human Resources
- Safety Director
- Superintendent
- Manager of Estimating Operations
- Estimator
- Project Manager
- Project Planner
- Project Coordinator
- Project Engineer
- CALCTP Certified Personnel (if Required)
- Internal Engineering Resources (if Required)
- External Engineering Resources (if Required)
- Internal Subcontracting Resources (if Required)

1.6.9. Equal Employment and Contracting Information

Baker Electric is an Equal Opportunity Employer. Our continued success depends on the full and effective utilization of qualified individuals. Personnel decisions are based upon job-related qualifications and performance.

It is the policy of the company to provide equal employment opportunity for all applicants and employees. The company will not allow discrimination on the basis of race, color, creed, sex, gender identity, national origin or ancestry, age, religion, marital status, sexual orientation, mental or physical disability, medical condition, or any other factor rendered unlawful by federal, state or local law. The company also prohibits discrimination based on the perception that an individual possesses any of these characteristics, or is associated with a person who possesses or is perceived as possessing any of these characteristics as prohibited by law. All such discrimination is unlawful.

This policy applies to all areas of employment, including recruitment, hiring, training, promotion, compensation, benefits, and transfers. Further, it is our policy that employees not discriminate against each other or non-employees based upon these factors. In addition, the company prohibits the harassment of any individual (see non-harassment policy on page 15).

The company has established an Affirmative Action Program. This is a management plan that assures measurable yearly improvements in hiring, training, and promoting members from all groups. Our goal is to fairly represent all employees at all levels of responsibility.

Kim Molzahn, Director of Human Resources, AA / EEO Officer, is responsible for initiating, administering, and controlling activities to ensure full implementation of this policy and program by applying every good-faith effort to make all aspects of the entire Affirmative Action Program work. Our Human Resource Director and AA / EEO Officer serves as a representative for the corporation. Her responsibilities include the overall coordination of the policy throughout the corporation. The Managing Directors are responsible for the coordination of programs, the continuing audit of practices, and the provision of advice and counsel within their assigned areas of responsibility.

Baker Electric's statement of Equal Employment Opportunity Program is communicated to all employees. New employees receive a copy upon employment. The subject of equal opportunity will continue to be discussed at least annually at appropriate management and supervisor meetings

Baker Electric does not have a formal Diversity or MWSDVBE program. As a Union shop we utilize the local unions in the city the project is being constructed to supply employees such as journeymen, apprentices, and trainees. As such we hire based upon those individuals who the Union(s) sends to us who are best qualified and have the skills to safely work on the project.

Baker Electric typically meets or exceeds stated goals for MBE / WBE / DBE compliance through our emphasis on utilization of minorities and women on our project teams. This practice has enabled us to achieve high percentages for DBE / DVBE / MBE / SBE / SBLE / ELBE / WBE involvement on projects.

We also maintain a database of MWSDVBE subcontractors that we have worked with on past projects and are working with on current projects. If a new subcontractor wishes to be added to the list we have a prequalification process that reviews both their experience and financials. All subcontractors on government contracts are notified of our commitments under Executive Order 11246, and of their responsibility under the law.

Currently diversity is handled through our Human Resources department, with our Director of Human Resources is responsible for our Diversity Program.

Baker Electric has had no instances where a complaint was filed or is pending against this firm in a legal or administrative proceeding alleging that the firm discriminated against its employees, Subcontractors, vendors, or suppliers.

Community Involvement & Memberships

Baker Electric values giving back to our community. From charitable donations, sponsoring fun raising events, providing volunteers, to donating time and electrical resources...we enjoy giving back! Baker Electric has been giving to many organizations for many years.

Here is a list of some of the wonderful community organizations we are proud to support:

Boys and Girls Club of Escondido	Boys and Girls Club of Greater San Diego
Escondido History Center	Junior Achievement
Make-A-Wish Foundation	Palomar College Foundation
Ronald McDonald House Charities	YMCA of San Diego
The LR Green Educational Foundation	Susan G. Komen Breast Cancer Foundation
Shakti Rising – Changing Women’s Lives in San Diego	

Memberships

National Association of Electrical Contractors (NECA)
American Subcontractors Association (ASA)
Associated General Contractors of America (AGC)
National Association of Women in Construction (NAWIC)
Solar Energy Industries Association (SEIA)
American Solar Energy Society (ASES)
San Diego North Chamber of Commerce
Professional Association of Specialty Contractors (PASC)



1.6.10. Financial Information and Arrangements

Baker Electric will be the contract holder for this contract; we will be supplying the required insurances and bonds required for the completion of each Task Order. All billings and payments will be generated from our corporate office in Escondido, CA.

Other Companies may be engaged, dependent upon scope of each Task Order. These companies will be contracted and directed by Baker Electric and the Prime Contractor on the Contract. Contracted Companies will provide monthly billings for work performed and receive payment from Baker Electric. Contracted Companies will be required to supply all the required insurances and bonds.

1.6.11. Change Order and Litigation History

Change Order History

In response to Section 2.11.1,

Please refer to Attachment: "Baker Electric Change Order History for SD MACC"

This information is CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

Note: This Confidential section must be deleted if releasing this information to the public. Pursuant to Government Code § 6255

The majority of the Change Orders listed were "Owner Initiated"

Litigation History

In response to Section 2.11.2 Baker Electric has not been involved in any type of litigation pertaining to Section 2.11.2.1, Section 2.11.2.2, Section 2.11.2.3, Section 2.11.2.4, Section 2.11.2.5 and Section 2.11.2.6 of this RFQ.

Additional Documents and Attachments

- **Design-Build Subcontractors and Suppliers Past Participation Lists (City Form Page 26)**
 - California State University - San Bernardino (4 pages)
 - San Diego Unified School District (4 pages)
 - Snowline Joint Unified School District (2 pages)

- **Work Force Report (City Forms: Pages 27-29)**

- **Baker Electric Employment Data**

- **Contractors Certification of Pending Actions (City Form: Page 30)**

- **Resumes**
 - Ted Baker President
 - Brian Miliate Chief Financial Officer
 - Jim Gagnon Vice President – Construction Operations
 - George England Vice President – Technology Services Group
 - Steven Braverman Director of Service
 - Angie McAnelly Safety Director
 - Reto Gisler Design-Build Manager
 - Michael Porges Project Manager / Estimator
 - Oscar Lopez Project Manager
 - Bill Roland General Superintendent
 - Joe Borecky Foreman
 - James Stark Foreman

- **Baker Electric Change Order History for SD MACC (57 Pages)**
 - This information is CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.
 - Note: This Confidential section must be deleted if releasing this information to the public. Pursuant to Government Code § 6255

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: California State University - San Bernardino

Page 1 of 4

TYPE OF PROJECT: Energy Retrofits and Lighting

DOLLAR VALUE OF PROJECT: \$2,536,396.54

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Walters Wholesale</u> Address: <u>200 North Berry Street</u> City: <u>Brea</u> State: <u>CA</u> Zip: <u>92821</u> Phone: <u>714-784-1978</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Fixtures, Panels, Poles, Accessories	\$1,617,709	N/A	N/A
Name: <u>Vanguard Global</u> Address: <u>1042 N. El Camino</u> City: <u>Encinitas</u> State: <u>CA</u> Zip: <u>92024</u> Phone: <u>760-822-9534</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Fixtures	\$91,949	SDVOSB	CA

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: California State University – San Bernardino

Page 2 of 4

TYPE OF PROJECT: Energy Retrofits and Lighting

DOLLAR VALUE OF PROJECT: \$2,536,396.54

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>NPC Construction</u> Address: <u>4949 2nd Street</u> City: <u>Fallbrook</u> State: <u>CA</u> Zip: <u>92028</u> Phone: <u>760-723-1961</u> Email: <u>N/A</u>	SubContractor	651229	Sawcut Patchback Pole Setting	\$8,780	SB Micro	CA
Name: <u>West Coast Aerial Photography</u> Address: <u>13351 D Riverside Drive #259</u> City: <u>Sherman Oaks</u> State: <u>CA</u> Zip: <u>91423</u> Phone: <u>818-788-5056</u> Email: <u>N/A</u>	SubContractor	N/A	Aerial Photos	\$650	SB Micro	CA

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Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: California State University - San Bernardino

Page 3 of 4

TYPE OF PROJECT: Energy Retrofits and Lighting

DOLLAR VALUE OF PROJECT: \$2,536,396.54

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Equation Energy</u> Address: <u>1501 San Elijo Rd. Ste. 104-114</u> City: <u>San Marcos</u> State: <u>CA</u> Zip: <u>92078</u> Phone: <u>855-566-9674</u> Email: <u>N/A</u>	Designer	N/A	Design	\$4,000	N/A	N/A
Name: <u>Monterey Energy</u> Address: <u>2148 Pomona Blvd.</u> City: <u>Pomona</u> State: <u>CA</u> Zip: <u>91768</u> Phone: <u>909-387-8000</u> Email: <u>N/A</u>	Engineering Consulting	975905	Engineering Consulting	\$19,594	N/A	N/A

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Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: California State University - San Bernardino

Page 4 of 4

TYPE OF PROJECT: Energy and Lighting Retrofits

DOLLAR VALUE OF PROJECT: \$2,536,396.54

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Rite-Way Roof Corporation</u> Address: <u>15425 Arrow Rt.</u> City: <u>Fontana</u> State: <u>CA</u> Zip: <u>92335</u> Phone: <u>909-931-7665</u> Email: _____	SubContractor	661941	Roofing Flashing	\$2,995	SB Micro	CA
Name: <u>SPC Building Services</u> Address: <u>142118 Severn Way</u> City: <u>Riverside</u> State: <u>CA</u> Zip: <u>92856</u> Phone: <u>949-444-8493</u> Email: <u>N/A</u>	SubContractor	690720	Parking Lot and Pole Painting	\$76,579	N/A	N/A

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: San Diego Unified School District - Physical Plant Operations Bldg.

Page 1 of 4

TYPE OF PROJECT: LED Retrofit Project - Part of On-going Annual Agreement

DOLLAR VALUE OF PROJECT: Not to Exceed \$3 mil annually

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Rexel</u> Address: <u>7380 Convoy Court</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92111</u> Phone: <u>858-636-4400</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Retrofit Kits, and Accessories	\$77,382	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: San Diego Unified School District - Standley Middle School

Page 2 of 4

TYPE OF PROJECT: LED Retrofit Project - Part of On-going Annual Agreement

DOLLAR VALUE OF PROJECT: Not to Exceed \$3 mil annually

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Rexel</u> Address: <u>7380 Convoy Court</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92111</u> Phone: <u>858-636-4400</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Retrofit Kits, and Accessories	\$215,679	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: San Diego Unified School District - Innovation Middle School Page 3 of 4
 TYPE OF PROJECT: LED Retrofit Project - Part of On-going Annual Agreement DOLLAR VALUE OF PROJECT: Not to Exceed \$3 mil annually

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Rexel</u> Address: <u>7380 Convoy Court</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92111</u> Phone: <u>858-636-4400</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Retrofit Kits, and Accessories	\$24,951	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: San Diego Unified School District - Transportation

Page 4 of 4

TYPE OF PROJECT: LED Retrofit Project - Part of On-going Annual Agreement

DOLLAR VALUE OF PROJECT: Not to Exceed \$3 mil annually

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Rexel</u> Address: <u>7380 Convoy Court</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92111</u> Phone: <u>858-636-4400</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Retrofit Kits, and Accessories	\$37,185	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
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Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Snowline Joint Unified School District – Multiple Sites Page 1 of 2

TYPE OF PROJECT: LED Retrofit Project DOLLAR VALUE OF PROJECT: \$3,689,456.00

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Rexel</u> Address: <u>7380 Convoy Court</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92111</u> Phone: <u>858-636-4400</u> Email: <u>N/A</u>	Supplier	N/A	Lighting Retrofit Kits, and Accessories	\$1,779,266	N/A	N/A
Name: <u>American Electric Supply</u> Address: <u>1872 Pomona Road</u> City: <u>Corona</u> State: <u>CA</u> Zip: <u>92880</u> Phone: <u>951-734-7910</u> Email: <u>N/A</u>	Supplier	N/A	Conduit Wire, Electrical Supplies	\$13,847	N/A	N/A

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Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Snowline Joint Unified School District - Multiple Sites

Page 2 of 2

TYPE OF PROJECT: LED Retrofit Project

DOLLAR VALUE OF PROJECT: \$3,689,456.00

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Walters Wholesale</u> Address: <u>200 North Berry Street</u> City: <u>Brea</u> State: <u>CA</u> Zip: <u>92821</u> Phone: <u>714-784-1978</u> Email: <u>N/A</u>	Supplier	N/A	Electrical Supplies	\$10,521	N/A	N/A
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
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Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

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California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

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City of San Diego
 EQUAL OPPORTUNITY CONTRACTING PROGRAM
 1200 Third Avenue, Suite 200, San Diego, CA 92101
 (619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Baker Electric

AKA/DBA: _____

Address (Corporate Headquarters, where applicable): 1298 Pacific Oaks Place

City Escondido County San Diego State CA Zip 92029

Telephone Number: (760) 745-2001 FAX Number: (760) 745-0321

Name of Company CEO: Ted Baker

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: 1218 Pacific Oaks Place

City Escondido County San Diego State CA Zip 92029

Telephone Number: (760) 745-0321 FAX Number: (760) 745-0321

Type of Business: Electrical Contractor Type of License: C10, C46, B

The Company has appointed: Kim Molzahn, Director of Human Resources
 as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 1298 Pacific Oaks Place Escondido, CA 92029

Telephone Number: (760) 745-2001 FAX Number: (760) 745-4182

For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of
Baker Electric

San Diego, CA (Firm Name)
 (County) (State) hereby certify that information provided

herein is true and correct. This document was executed on this day of 01-August, 2016,
 200 _____.

Ted Baker
 (Authorized Signature) (Print Authorized Signature Name)

MACC Request for Qualifications

Energy Conservation Measures and Building Retrofit Projects at City Facilities

WORK FORCE REPORT - Page 2

NAME OF FIRM: Baker Electric

DATE: August 1, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)
Executive, Administrative, Managerial														
Professional Specialty														
Engineers/Architects														
Technicians and Related Support														
Sales														
Administrative Support/Clerical														
Services	Please See Attached Employment Data Report For Baker Electric													
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GRAND TOTAL ALL EMPLOYEES														
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

NAME OF FIRM: Baker Electric

DATE: August 1, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

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- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers														
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN														
GRAND TOTAL ALL EMPLOYEES														

Please See Attached Employment Data Report For Baker Electric

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Employment Data

Baker Electric, inc

From Period End Date: 06/01/16
 To Period End Date: 06/08/16

From Previous Year Start Date: 06/09/14
 To Previous Year Start Date: 06/08/15

From hire date: Inception
 To hire date: 06/08/16

Job Categories		Number of Employees (Report employees in only one category)														
		Race / Ethnicity														
		Hispanic or Latino		Not - Hispanic or Latino												Total Col A - N
		Male	Female	Male						Female						
				White	Black or African American	Native Hawaiian or Other Pacific Islander	Asian	American Indian or Alaska Native	Two or more races	White	Black or African American	Native Hawaiian or Other Pacific Islander	Asian	American Indian or Alaska Native	Two or more races	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O		
Executive/Senior Level Officials and Managers	1.1			8											8	
First/Mid-Level Officials and Managers	1.2	2		39	1		1		3					1	47	
Professionals	2	1		9	1		1		4			2			18	
Technicians	3	1	1	11			1		2						16	
Sales Workers	4			4											4	
Administrative Support Workers	5	3	5	6	2	1	1		1	26	1		1		47	
Craft Workers	6	105		170	12		5	3	7	3	1			1	307	
Operatives	7	145	11	120	23	2	4		9	4	4			1	323	
Laborers and Helpers	8	3		4											7	
Service Workers	9															
TOTAL	10	260	17	371	39	3	13	3	17	42	6		3		3	777
PREVIOUS YEAR TOTAL	11	424	16	659	126	2	28	5	8	62	27		3		1	1,361

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: Baker Electric

Certified By Ted Baker Title President


 Name _____
 Signature _____

Date August 01, 2016

USE ADDITIONAL FORMS AS NECESSARY



Ted Baker

President

Education

BA University of San Diego.

Certifications

NECA Advanced Estimating
NECA Project Management
NECA Construction Financial Management
NECA Principals of Design Build Construction

Construction Experience

21+ years

Years with Baker

21+ year

Experience

Ted Baker is a fourth generation principal at Baker Electric, a full-service, family-owned and operated electrical contracting firm, proudly serving as both a prime and subcontractor, since 1938. Ted has been part of the Senior Management team since 1994 and assumed the role of President and CEO in 2000, overseeing a broad spectrum of multi-million dollar private, public and government contracts, including Design-Build projects, throughout California.

Ted began his career in the electrical contracting industry at an early age with Baker, working as a material handler, warehouseman and residential wireman, followed by a stint with an electrical distribution company. After earning his bachelor degree at the University of San Diego, Ted entered the general contracting industry working in project management, gaining valuable industry exposure and knowledge prior to rejoining Baker.

As President, Ted, in conjunction with his executive team, oversees all financial, sales, estimating, and operational activities of the company, as well as defining and implementing the company's strategic plans for Baker's Construction, Technology Services, Residential and Solar divisions. Ted is instrumental in running the day-to-day operations of a company staffed by 110+ in-house employees and 500+ state-certified electricians, performing in excess of \$80 million dollars in electrical construction work annually. He is actively involved in ensuring that Baker delivers seamless, comprehensive services to clients, including preconstruction, engineering, and project management services, and is dedicated to maintaining a stringent safety environment on each and every project.

Serving on the Board of Directors, Ted continues Baker's fifty-year membership history with the National Electrical Contractor's Association (NECA), focusing on improving the electrical industry through advocacy, education, research, and standards development. He is also active with the Association of General Contractors (AGC), American Subcontractor's Association (ASA), and supports Baker's affiliation with the Professional Association of Specialty Contractors (PASC).

Ted's focus is squarely on contributing to conservation and renewable energy efforts, all while continuing to carry on Baker's tradition of providing a proactive, collaborative approach to delivering technical, cost effective and schedule-driven solutions that are unparalleled in fulfilling customer needs and supporting their overall success in winning work and executing today's cutting-edge projects.





Brian Miliate

Chief Financial Officer

Education

Bachelors in Business Administration
San Diego State University

Membership

Construction Finance Management
Association (CFMA)
American Subcontractors Association
(ASA)
Escondido Charter High School Board
of Directors, Vice President

Awards

*San Diego Business Journal's 2014
CFO of the Year*

Construction Experience

25 years

Years with Baker

9 years

Experience

Brian has over 25 years of field experience. He has been with Baker Electric for 9 years. He cultivates and fosters the strategic financial and operational vision of a privately-held electrical contracting firm performing in excess of \$70 million dollars in private, public and government construction work annually.





Jim Gagnon

Vice President, Construction Operations

Education

Bachelor of Science in Psychology
University of New York State
Master of Arts in Organizational
Management
University of Phoenix
Project Management
Stanford University

Certifications

LEED

Construction Experience

29 years

Years with Baker

15 years



*Bachelor Enlisted Quarters
Twentynine Palms, CA*

Experience

Jim lays a key role in building and maintaining client relationships, monitoring staffing and field resources, assisting in the design and estimating processes, reviewing purchasing policies and procedures, supporting marketing efforts, and providing overall direction and focus for his entire staff, including employee reviews, recruitment and retention.

Relevant Project Experience

Bachelor Enlisted Quarters Package 9, Twentynine Palms, CA

\$8,500,000 Electrical Value

Military

464,000 SF construction of three bachelor enlisted quarters and a parking structure

Valley View Casino, Valley Center, CA

\$8,100,000 Electrical Value

Indian Gaming

105,000 SF renovation and expansion of a casino

La Costa Glen, Carlsbad, CA

\$6,600,000 Electrical Value

Multi-family

New construction of 111,687 SF, 3-story, 81-unit independent living apartments

Agua Caliente Casino, Rancho Mirage, CA

\$6,300,000 Electrical Value

Indian Gaming

91,000 SF, 2,000-plus seat, headliner theater and showroom expansion

UCR Arroyo Student Housing, Riverside, CA

\$6,300,000 Electrical Value

Higher Education

New construction of a 209,300 SF, 508-bed student apartment building

Fantasy Springs Casino, Indio, CA

\$2,300,000 Electrical Value

Indian Gaming

Gaming modernization of 50,000 SF and bingo hall addition of 16,000 SF





George England

Vice President, Technology Services Group

Education

IBEW Apprenticeship
JATC Training

Certifications

OSHA 10
High Voltage Cable Splicing
Fiber Optics Training
Project Management
NECA Supervisory Training
IBEW Supervisory Training

Memberships

ASHRAE
VISTAGE

Construction Experience

37 years

Years with Baker

37 years

Experience

George ensures that the Technology Services Group projects are built according to design and specification, cultivates and maintains client relationships and monitors staff and field resources. His broad portfolio of experience includes commercial, industrial, military, manufacturing, educational, cogeneration, and hospitality construction

Relevant Project Experience

Treo, San Diego, CA

\$7,000,000 Electrical Value
Multi-Family, High Rise
330 condominium units in a 19 story tower with 3 levels of underground parking.

Biogen Idec, San Diego, CA

\$10,000,000 Electrical Value
Biotech
200,000 SF office on a research and development campus

CSU San Marcos Student Union, San Marcos, CA

\$3,000,000 Electrical Value
Higher Education
Design Build, 40,000 SF university student union facility

CSU San Marcos Student Union, San Marcos, CA

\$3,000,000 Electrical Value
Higher Education
Design Build, 40,000 SF university student union facility

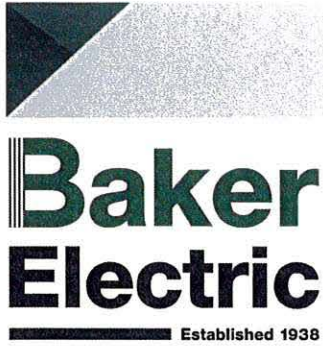
CSU San Marcos Student Union, San Marcos, CA

\$3,000,000 Electrical Value
Higher Education
Design Build, 40,000 SF university student union facility

CSU San Marcos Student Union, San Marcos, CA

\$3,000,000 Electrical Value
Higher Education
Design Build, 40,000 SF university student union facility





Steve Braverman

Director of Service

Education

IBEW Electrical Apprenticeship
JATC Training
Certified Welder
MSHA
IBEW Project Management Training,
IIT Project Management

Certifications

Lockout/ Tagout
CPR / First Aid
OSHA 10
OSHA 30
Competent Person
Confined Space
Fiber Optics
Forklift Training
Code Training
Fall Protection
High Voltage Splicing
Low Voltage

Construction Experience

40 years

Years with Baker

1 year



*Aegis Ashore Defense System
PMRF, Kauai, Hawaii*

Experience

As director, Steve's comprehensive portfolio of projects includes multi-family, cogeneration, education, industrial, manufacturing, military, commercial, hospitality, clean room and service. He fully supports peers, managers and staff across all business groups, in a manner that is consistent with, and in the best interest of, the overall goals and objectives.

Relevant Project Experience

McCarran International Airport Terminal 3 Expansion, Las Vegas, NV

\$147,000,000 Electrical Value
Expansion

Twentynine Palms Marine Base North Side Utility Upgrade, Twentynine Palms, CA

\$8,000,00 Electrical Value
Utility Upgrade

Apra Habor Utility Upgrade, Guam

\$7,000,00 Electrical Value
North Main Side Utility Upgrade

Aegis Ashore Defense System PMRF, Kauai, Hawaii

\$39,000,00 Electrical Value

Royal Bank of Canada Data Center, Stratford, Canada

\$39,000,00 Electrical Value

Anderson AFB, Guam

\$17,500,000 Electrical Value





Angie McAnelly

Safety Director, CHST, CISEC

Certifications

UCSD Professional Certification in Occupational Safety and Health
CHST - Construction Health & Safety Technician
CISEC - Certified Inspector of Sediment & Erosion
OSHA 501 - General Industry Outreach Trainer
OSHA 500, Construction Outreach Trainer
EM 385-1-1 40 Hour
Trenching and Excavation Competent Person Trainer
Fall Protection Competent Person
Scaffolding Competent Person
Confined Space Competent Person
Qualified SWPP Practitioner
National Safety Council Defensive Driving Instructor
Forklift Operator Instructor
DuPont Safety Training Observation Program

Construction Experience

12 years

Years with Baker

3 years



*Lost Hills & Blackwell
Lost Hills, CA*

Experience

Angie's role is to ensure enforcement of and compliance with company safety, health, and environmental policies and procedures. This involves personally inspecting job sites, supporting all field activities, and coordinating appropriate safety and health training to all company supervisory and safety personnel. Active participation with local, state and national agencies keeps Angie abreast of the latest technologies, processes and regulations.

Project Experience

Cesar Chavez Continuing Education, San Diego, CA

Role: Safety Director

\$2,242,000 Electrical Value

Higher Education

New construction of 67,924 SF facility with 22 classrooms for vocational training

Mesa College Bookstore & Cafeteria, San Diego, CA

Role: Safety Director

\$3,300,000 Electrical Value

Higher Education

Design-Build, new construction of 60,560 SF building

John Wayne Airport Central Plant, Santa Ana, CA

Role: Safety Director

\$5,100,000 Electrical Value

Cogeneration / Central Plants

New construction of the John Wayne Airport Central Utility Plant

Lost Hills & Blackwell Solar, Lost Hills, CA

Role: Safety Director

\$11,858,428 Electrical Value

Photovoltaic

43 MW utility scale solar project

DESI Pilot #1, Orange, CA

Role: Project Manager

\$525,000 Electrical Value

Biotech

Installation of 2.5 MVA Civil, Structural and Electrical Systems





Reto Gisler

Design-Build Manager, PE, LEED AP

Education

Electrical Engineering Degree
EIT Degree
Luzern University

Certifications

Professional Engineer Certification
License # E17102
LEED AP Certification

Construction Experience

28 years

Years with Baker

16 years

Experience

Reto is a Registered Professional Engineer and has over 28 years of electrical industry experience. He has been with Baker Electric for 16 years. He has completed some of Baker's largest and most complex projects and was also involved in the construction of the worlds largest tunnel project: the Gotthard Base Tunnel in Switzerland. He has a wide range of electrical experience that includes engineering, design, estimating, project management and building automation. He will provide leadership and participation on this project including scheduling and submittal coordination, design-build and design-assist engineering coordination.

Project Experience

3033 Wilshire Apartments, Los Angeles, CA

Multi-Family, High Rise
Electrical Design Build Manager

BEQ Package 9, Twentynine Palms, CA

Military, Three 576 unit Bachelor Enlisted Quarters (BEQs)
Electrical Design Build Manager

Valley View Casino, Valley Center, CA

Indian Gaming
Electrical Design Engineer

Hewlett Packard Automated Manufacturing, San Diego, CA

Industrial
Electrical Design Engineer

Mesa College Bookstore, San Diego, CA

Higher Education
Electrical Design Build Manager

Renovate Hangar 1456 NAS North Island, San Diego, CA

Military
Electrical Design Build Manager



*BEQ Package 9
Twentynine Palms, CA*





Certifications

Maxwell Estimation
Accubid
Lockout / Tagout
Competent Person
Confined Space
Scaffold
OSHA 30
Forklift Training
Code Training
Fall Protection
High Voltage Splicing
Crane Hoisting
EM 385-1-1

Construction Experience

19 years

Years with Baker

1 year



*Plug-in Electric Vehicle to Grid
Charging Structure
China Lake, CA*

Michael Porges

Project Manager / Estimator

Experience

Michael has a dual role at Baker Electric as an Estimator and as a Project Manager. Mike has successfully managed numerous complex electrical projects, in markets such as solar, industrial, education, military, commercial, hospitality, service, lighting retrofits, airfield lighting, medium voltage distribution, and electric vehicle charging stations.

Relevant Project Experience

P-822 Operations Complex, Kaneohe, HI

\$4,200,000 Electrical Value

Military

30,709 SF new operations complex and airport terminal

P-126 Station Communication Facility, Twentynine Palms, CA

\$3,600,000 Electrical Value

Military

55,000 SF ground up construction for new communications facility

Plug-in Electric Vehicle to Grid Charging Structure, China Lake, CA

\$630,000 Electrical Value

Military

Electric vehicle charging station infrastructure

MCAS Miramar T 003, Miramar, CA

\$720,430 Electrical Value

Military

HVAC equipment upgrade and DDC replacement

MCAS Miramar T 004, Miramar, CA

\$809,600 Electrical Value

Military

HVAC and lighting energy upgrades

Building 62448, Oceanside, CA

\$330,500 Electrical Value

Military

Repair of regimental command post

Port of San Diego

\$220,000 Electrical Value

Interior & exterior lighting upgrades





Oscar Lopez

Project Manager

Education

IBEW Apprenticeship
JATC Training

Certifications

Lockout / Tagout
Fall Protection
Arc Flash Training
Low Voltage Training
Solar Power Installation
Competent Person Certification
Confined Space Training
Forklift Training
NEC Code Training
CPR / First Aid

Construction Experience

22 years

Years with Baker

14 year



*Yorba Linda High School
Yorba Linda, CA*

Experience

Oscar's extensive experience as a project manager encompasses military, educational, commercial, manufacturing, clean room, single and multi-family housing, prison facilities, as well as casino expansions. Oscar is directly responsible for management of the project, including resolving construction difficulties, monitoring field installation progress to ensure completion of projects within budget and schedule, vendor coordination, purchasing and procurement of major equipment, subcontractor management and coordination, field coordination of trades and safety management.

Relevant Project Experience

Yorba Linda High School, Yorba Linda, CA

\$4,600,000 Electric Value

K-12

New Construction, site lighting and interior lighting install, power infrastructure

Rancho Santiago Community College, Rancho Santiago, CA

\$5,500,000 Electrical Value

Higher Education

Navy Medical Center Balboa HVAC Upgrade

\$2,000,000 Electrical Value

Medical Facility

Electrical Upgrade for existing system

Post Naval Graduate School Energy Efficiency Upgrade

\$1,400,000 Electrical Value

Military High Education

Campus wide Lighting Retrofit

Naval Base Coronado Lighting Retrofit

\$1,200,000 Electrical Value

Military Training Facility

Lighting Retrofit for 3 story High Security Buildings

John Wayne Airport Central Plant, Santa Ana, CA

\$5,200,000 Electric Value

Central Utility Plant





Bill Roland

General Superintendent

Education

IBEW Apprenticeship
JATC Training

Certifications

NECA Supervision & Management
Commercial Solar Power
Installations
OSHA 10
OSHA 30
Lockout / Tagout
Arc Flash Training
Competent Person
Confined Space Training
NEC Code Training
Forklift Training
Fall Protection
Scaffold Training
CPR / First Aid

Construction Experience

31 years

Years with Baker

19 years

Years with Position

10 years



*UC Riverside Student Housing
Riverside, CA*

Experience

Bill has over 27 years of field experience. Supervising projects from design/build to fast-track, while motivating field crews, monitoring labor, ensuring compliance of OSHA, CAL-OSHA and building code regulations. He has direct responsibility and over-site of the Baker Electric medium/high voltage team.

Project Experience

BEQ Package 9 MCAGCC, Twenty Nine Palms, CA

\$9,700,000 Electrical Value

Military

Design Build and Construction of 3 new quarters and 4-story parking structure

Valley View Casino, Valley Center, CA

\$8,100,000 Electrical Value

Indian Gaming

Casino Gut and Expansion

Agua Caliente Casino Headliner Room, Rancho Mirage, CA

\$6,300,000 Electrical Value

Indian Gaming

Casino Expansion

CUF Cogeneration Plant, Santa Ana, CA

\$6,000,000 Electrical Value

Cogeneration/Central Plants

40 miles of electrical wiring, two 5 megawatt solar turbine generators

UC Riverside Arroyo Student Housing, Riverside, CA

\$5,000,000 Electrical Value

Higher Education

New construction of 209,300SF, 508 Bed Apartment Building for students





Joe Borecky

Foreman

Education

Southern Illinois University
Bachelor of Arts, Psychology, 1998

Certifications

Lockout / Tagout
CPR / First Aid
OSHA 10
Competent Person
Confined Space
Fiber Optics
Scaffold
OSHA 30
Arc Flash
Low Voltage
Forklift Training
Code Training
High Voltage Splicing
Fall protection

Construction Experience

15 years

Years with Baker

4 years

Years in Position

4 years



University of California, San Diego
San Diego, CA

Experience

As Foreman, Joe monitors installations and ensures work is performed according to Baker Electric standards and the project specifications. He works cooperatively with the general contractor and/or customer in managing the project, project schedule(s), and employees. He also maintains productivity, safety, quality control, and any other activities impacting the successful completion of the project.

Project Experience

University of California San Diego JOC Contract, San Diego, CA

\$15,000,000 Electrical Value
Ongoing JOC Contract - Using Gordian Software

Solar Turbines, San Diego, CA

\$216,987 Electrical Value
Industrial Service
Upgrade of existing electrical infrastructure and additional 12kv equipment.

General Atomics, Avionics Research and Testing, Poway, CA

\$100,000 Electrical Value
Oversee the ongoing electrical scope for project.

Hewlett Packard Cyber Security, San Diego, CA

\$744,300 Electrical Value
Upgrade of existing electrical infrastructure and install new security equipment.





James Stark

Foreman

Certifications

- CALCTP Trainer
- CALCTP-AT-TTT
- CALCTP-AT
- EVITP1-3
- PEA TTT
- Lockout / Tagout
- CPR / First Aid
- OSHA 10
- Solar Power
- Competent Person
- Confined Space
- Fiber Optics
- Scaffold
- OSHA 30
- Arc Flash
- Crane Hoisting
- Low Voltage
- Forklift Training
- Code Training
- Fall Protection

Construction Experience

12 years

Years with Baker

4 years



*Nixon Library Archive Building
Yorba Linda, CA*

Experience

James has over 12 years of field experience. He holds numerous certificates for lighting controls, energy efficiency and Title 24 part 6. He manages and provides complete direction and technical guidance, while maintaining the administrative field aspects of the project. His industry experience includes education, multi-family, clean room, single family, HVAC controls, cogeneration, commercial, and service projects.

Relevant Project Experience

UCSD I Structural and Material Engineering, San Diego, CA

\$14,000,000 Electrical Value
Higher Education

Palomar Humanities Building, Escondido, CA

\$5,000,000 Electrical Value
Higher Education
Construction of Type II-B, fully sprinkled 3-story classroom building

CSUSB Exterior Fixtures and Wireless Controls, San Bernardino, CA

\$2,500,000 Electrical Value
Higher Education
Higher Education facility, outdoor lighting, parking lot lighting

Palomar College T Building, Escondido, CA

\$2,000,000 Electrical Value
Higher Education
Remodel of existing Industrial Arts Building

Vocational Technology Center, San Diego, CA

\$2,000,000 Electrical Value
Higher Education

Cox Communications AX Building T.I., Escondido, CA

\$2,000,000 Electrical Value
Industrial



Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

Note: This Confidential section must be deleted if releasing this information to the public. Pursuant to Government Code § 6255

Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
1301	Construction Warranty 2013	\$ 5,168	0	\$ -	0.00%
13383	HP Sherman Street IDF's	\$ 35,707	0	\$ -	0.00%
13474	XOM Exxon Mobil	\$ 2,100	0	\$ -	0.00%
13480	HP EMT 2	\$ 49,889	0	\$ -	0.00%
13508	H2 Generator Replacement	\$ 333,223	0	\$ -	0.00%
13533	Quad @ San Marcos PH 3	\$ 84,585	0	\$ -	0.00%
13614	HP Maintenance	\$ 1	0	\$ -	0.00%
13656	Flexbook-HP	\$ 31,027	0	\$ -	0.00%
13667	HP CO Extruder	\$ 23,938	0	\$ -	0.00%
13700	HP - CCSI work for 2013	\$ 86,023	0	\$ -	0.00%
13703	VVC Arc Flash Study	\$ 36,818	0	\$ -	0.00%
13711	HP Direct for 2013	\$ 37,005	0	\$ -	0.00%
13731	Geosyntec	\$ 4,750	0	\$ -	0.00%
13734	T130 MP4-Freeberg	\$ 4,059	0	\$ -	0.00%
13758	HP - ISS work for 2013	\$ 17,125	0	\$ -	0.00%
13769	HP Web Shuffle / Coater	\$ 122,617	0	\$ -	0.00%
13891	HP B65 Banyan	\$ 15,157	0	\$ -	0.00%
13913	HP Oasis Redesign	\$ 25,444	0	\$ -	0.00%
14016	Sherman Misc.	\$ 2,040	0	\$ -	0.00%
14018	O'Neil Data Systems	\$ 4,229	0	\$ -	0.00%
14020	Monrovia CRAC	\$ 8,585	0	\$ -	0.00%
14156	Fort Rosecrans NC Miramar	\$ 4,894	0	\$ -	0.00%
14195	HP GSS Press Install	\$ 26,623	0	\$ -	0.00%
14210	First Tech Federal Credit	\$ 4,747	0	\$ -	0.00%
14231	VView Casino 12KV Mainten	\$ 11,211	0	\$ -	0.00%
14248	Jan Carradine T&M	\$ 1,302	0	\$ -	0.00%
14282	Pacifica Senior Living	\$ 125,000	0	\$ -	0.00%
14311	HP Direct for 2014	\$ 36,233	0	\$ -	0.00%
14347	Oreo Project -HP	\$ 39,225	0	\$ -	0.00%
14350	HP Arc Flash	\$ 26,918	0	\$ -	0.00%
14377	2014 Valley View Casino	\$ 320,358	0	\$ -	0.00%
14385	HP Bldg. 66 Clearing	\$ 102,829	0	\$ -	0.00%
14411	Palomar CCDC - Baseball	\$ 40,800	0	\$ -	0.00%
14417	MASTER JOB CVESD Elem Sch	\$ 2,367,600	0	\$ -	0.00%
14434	HP ASI EMT 2 Dryer	\$ 16,081	0	\$ -	0.00%
14554	Sweetwater Welding Shop	\$ 5,745	0	\$ -	0.00%
14562	HP Hardware Test Lab	\$ 44,225	0	\$ -	0.00%
14567	HP-Sherman St. Liebert	\$ 48,771	0	\$ -	0.00%
14642	HP LEP Lab Relocation	\$ 99,870	0	\$ -	0.00%
14649	HP Peregrin Bldg 61A&61AU	\$ 18,058	0	\$ -	0.00%
14772	VA Atlanta GA	\$ 4,551	0	\$ -	0.00%
14773	VA Northport NY	\$ 398,480	0	\$ -	0.00%
14788	Sherman Services	\$ 29,287	0	\$ -	0.00%
15265	RM006-11	\$ 7,036	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15397	Domain Mountain View	\$ 22,560	0	\$ -	0.00%
15863	3033 Wilshire-Gentr Permt	\$ 8,925	0	\$ -	0.00%
1303	Controls Warranty 2013	\$ (3,119)	0	\$ -	0.00%
1403	Controls Warranty 2014	\$ 2,550	0	\$ -	0.00%
12255	LA Mission Coll Energy Up	\$ 2,500	0	\$ -	0.00%
12266	TEVA Pharmaceuticals PH2	\$ 12,500	0	\$ -	0.00%
12849	VA Hosp Renovate Communit	\$ 28,400	0	\$ -	0.00%
12867	Cedars Sinai Davis Twr P2	\$ 18,850	0	\$ -	0.00%
12888	UCSD Thor Lab Automat Rem	\$ 1,200	0	\$ -	0.00%
12968	UCSD HUBBS Hall	\$ 7,875	0	\$ -	0.00%
13026	El Cajon Val HS B 400-700	\$ 30,500	0	\$ -	0.00%
13189	Nav H Cool Twr Cont Maint	\$ 67,825	0	\$ -	0.00%
13308	CP Platoon Team Rm P-1012	\$ 37,100	0	\$ -	0.00%
13322	Salk Institute Data Ctr	\$ 13,750	0	\$ -	0.00%
13376	Rancho Bern HS 4 Bldgs	\$ 23,000	0	\$ -	0.00%
13381	CP Anglico Comm/Auto	\$ 17,500	0	\$ -	0.00%
13391	P-1016 Communications Fac	\$ 7,720	0	\$ -	0.00%
13395	P-1012 Applied Instru W/H	\$ 18,450	0	\$ -	0.00%
13397	P-1016 Mail Distribution	\$ 12,000	0	\$ -	0.00%
13398	P-1016 Location Exchange	\$ 12,000	0	\$ -	0.00%
13399	P-1016 Fitness & Single	\$ 30,000	0	\$ -	0.00%
13400	Kaiser MOB Moreno Valley	\$ 11,500	0	\$ -	0.00%
13401	CSMC AHSP Satellite S Pro	\$ 10,500	0	\$ -	0.00%
13407	Delta LAX Terminal Cont R	\$ 6,500	0	\$ -	0.00%
13438	Granite Hills HS B60&130	\$ 15,000	0	\$ -	0.00%
13440	Cedars Sinai MC Nurse Sta	\$ 11,359	0	\$ -	0.00%
13461	Kilroy Long Beach B-3800	\$ 170,000	0	\$ -	0.00%
13473	MLK Medical Center-MACC	\$ 328,300	0	\$ -	0.00%
13477	La Jolla Com-Voit RE TI	\$ 7,850	0	\$ -	0.00%
13484	Kaiser Vandever Oncology	\$ 7,350	0	\$ -	0.00%
13499	CSUSM Quad Phase 2	\$ 67,500	0	\$ -	0.00%
13501	Anaheim Marriott Cent Pla	\$ 33,500	0	\$ -	0.00%
13514	Kaiser Vandever Pharm Rem	\$ 14,250	0	\$ -	0.00%
13515	SCE General Office Bldg 1	\$ 8,800	0	\$ -	0.00%
13535	UCSD Hubbs Hall AHand Rep	\$ 23,500	0	\$ -	0.00%
13538	Pomerado Hospital Poway	\$ 620	0	\$ -	0.00%
13550	Joshua Tree ES Conduit In	\$ 26,000	0	\$ -	0.00%
13569	Orange Coast Coll Music B	\$ 315,600	0	\$ -	0.00%
13573	Anaheim Marriott	\$ 71,100	0	\$ -	0.00%
13575	Ad Baker Clubhouse B 3604	\$ 28,850	0	\$ -	0.00%
13582	CedarS HID Plaza Consolid	\$ 13,700	0	\$ -	0.00%
13608	13612	\$ 33,000	0	\$ -	0.00%
13611	Harbor Dr Sky Park 3	\$ 4,680	0	\$ -	0.00%
13628	UCSD Tioga Hall	\$ 6,995	0	\$ -	0.00%

Baker Electric
Change Order History
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CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13646	AAA Grossmont	\$ 15,079	0	\$ -	0.00%
13648	UCSD EBU 2Pisces Lab	\$ 6,750	0	\$ -	0.00%
13652	San Elijo Elementary Sch	\$ 23,000	0	\$ -	0.00%
13662	AAA Anaheim Hills	\$ 38,000	0	\$ -	0.00%
13665	Bright Medical Low Level	\$ 11,000	0	\$ -	0.00%
13670	SMC Drescher & Science Bl	\$ 27,550	0	\$ -	0.00%
13673	Barstow Comm Hospital	\$ 1,100	0	\$ -	0.00%
13677	Harley Knox MS	\$ 96,850	0	\$ -	0.00%
13680	UCSD Geisel Hall ALTU Tem	\$ 4,900	0	\$ -	0.00%
13686	SDG&E Palomar Power Plant	\$ 24,000	0	\$ -	0.00%
13690	UCI Chao Cancer Center	\$ 2,500	0	\$ -	0.00%
13702	CSULA Eng. & Tech.	\$ 4,350	0	\$ -	0.00%
13728	CHOC DAS Build Out	\$ 1,355	0	\$ -	0.00%
13732	Rady Children's Hospital	\$ 7,250	0	\$ -	0.00%
13740	Kaiser SM Ductless Splits	\$ 3,500	0	\$ -	0.00%
13753	Orange CC-PH 2 EBI Migrat	\$ 146,600	0	\$ -	0.00%
13774	LAX-NBC Universal	\$ 2,000	0	\$ -	0.00%
13776	LAX-Hudson Group CNN	\$ 2,500	0	\$ -	0.00%
13784	UCSD EBU-1	\$ 5,800	0	\$ -	0.00%
13786	UCSD Eckart Library	\$ 1,225	0	\$ -	0.00%
13791	CSMC-LL Pharmacy Expansn	\$ 1,900	0	\$ -	0.00%
13799	Cedars SN Galley Ph II	\$ 2,000	0	\$ -	0.00%
13802	CSMC Taper Imaging PET CT	\$ 1,190	0	\$ -	0.00%
13808	Five Guys 29 Palms	\$ 4,500	0	\$ -	0.00%
13809	Kaiser Bonita Bldg. A	\$ 1,950	0	\$ -	0.00%
13810	Kaiser Bonita Bldg. B	\$ 2,150	0	\$ -	0.00%
13812	Kaiser Bonita Bldg. D	\$ 1,950	0	\$ -	0.00%
13824	V.A. Hospital, San Diego	\$ 8,750	0	\$ -	0.00%
13831	KP Otay Hot Water Bundle	\$ 11,350	0	\$ -	0.00%
13837	Camp Pendleton 41	\$ 2,200	0	\$ -	0.00%
13839	Zamorano ES Class. Bldg.	\$ 18,250	0	\$ -	0.00%
13842	MCAS Miramar HR Center	\$ 445	0	\$ -	0.00%
13847	UCSD Warren Hall	\$ 3,250	0	\$ -	0.00%
13848	UCSD Perlman Clinic Ren.	\$ 450	0	\$ -	0.00%
13853	SD County Sheriff's Dept.	\$ 20,430	0	\$ -	0.00%
13859	Euclid Elementary	\$ 15,250	0	\$ -	0.00%
13867	Cedars Davis	\$ 2,400	0	\$ -	0.00%
13868	CSMC La Brea Bakery	\$ 4,150	0	\$ -	0.00%
13869	Kaiser Escondido MOB	\$ 2,750	0	\$ -	0.00%
13875	CPK Canoga Park	\$ 3,700	0	\$ -	0.00%
13879	Kaiser MOB Carlsbad	\$ 2,750	0	\$ -	0.00%
13880	KP Vandever-IMIS Mammo Re	\$ 1,465	0	\$ -	0.00%
13884	LAUSD Jordan HS Bdgs 3&9	\$ 28,750	0	\$ -	0.00%
13885	LAUSD Markham MS	\$ 11,200	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13896	UCSD SAS Room 301	\$ 650	0	\$ -	0.00%
13897	Kaiser Bonita Bldg. E	\$ 2,650	0	\$ -	0.00%
13898	Kaiser Fordham MOB	\$ 4,700	0	\$ -	0.00%
13899	Kaiser Kenyon MOB	\$ 4,000	0	\$ -	0.00%
13901	Discovery Elementary Sch	\$ 12,550	0	\$ -	0.00%
13907	Anaheim Marriott Ph 3	\$ 35,785	0	\$ -	0.00%
13914	Kaiser Travelodge Chiller	\$ 6,850	0	\$ -	0.00%
13918	Juarez Lincoln ES	\$ 5,200	0	\$ -	0.00%
13923	Newcastle Manor PH2	\$ 6,500	0	\$ -	0.00%
13941	UCSD Canyon Vista NAE Rel	\$ 2,550	0	\$ -	0.00%
13957	CSMC 6th Flr. Phase I	\$ 10,000	0	\$ -	0.00%
13959	CSMC OR Upgrade	\$ 6,500	0	\$ -	0.00%
13960	UCSD - SERF	\$ 6,100	0	\$ -	0.00%
13965	Alhambra Data Center	\$ 20,281	0	\$ -	0.00%
13967	SMUMC-MNP AHU Replacement	\$ 40,000	0	\$ -	0.00%
13970	SCE G01 Cafe T & M	\$ 6,947	0	\$ -	0.00%
13975	CSMC 9th Fl. Cage Wash	\$ 4,750	0	\$ -	0.00%
14003	UCSD Basic Sciences Bldg.	\$ 1,875	0	\$ -	0.00%
14034	La Jolla Commons	\$ 3,750	0	\$ -	0.00%
14069	Kaiser Bostonia	\$ 950	0	\$ -	0.00%
14070	CSMC - Davis Vivarium	\$ 16,000	0	\$ -	0.00%
14071	USD Boiler Controls	\$ 18,950	0	\$ -	0.00%
14072	Del Mar Race Track	\$ 11,500	0	\$ -	0.00%
14073	Kaiser Otay Mesa Mult Pro	\$ 4,260	0	\$ -	0.00%
14075	Shire RM BMS TOPS-	\$ 12,629	0	\$ -	0.00%
14078	CSMC Bio Bank	\$ 2,475	0	\$ -	0.00%
14079	Coachella-Mosquito & VCD	\$ 17,500	0	\$ -	0.00%
14083	AAA Costa Mesa AHU	\$ 21,500	0	\$ -	0.00%
14085	CSMC Davis Rm. 2100 VAV	\$ 2,200	0	\$ -	0.00%
14091	KPSD Otay IMIS Project	\$ 450	0	\$ -	0.00%
14092	SCE Dining Room	\$ 4,450	0	\$ -	0.00%
14094	Hoag TI Lab Control	\$ 5,000	0	\$ -	0.00%
14103	LAX Rock & Brews	\$ 3,350	0	\$ -	0.00%
14106	Yucca Valley Sub Base Rel	\$ 13,900	0	\$ -	0.00%
14109	SDG&E 650 Alpine Way	\$ 11,500	0	\$ -	0.00%
14118	LAVC- Multi-Purpose Bldg.	\$ 37,000	0	\$ -	0.00%
14119	SDG&E Warehouse Jacumba	\$ 4,100	0	\$ -	0.00%
14124	LAX Ford Filling Station	\$ 3,800	0	\$ -	0.00%
14126	EC Valley HS PE Complex	\$ 19,600	0	\$ -	0.00%
14128	Global Comm Semiconductor	\$ 4,900	0	\$ -	0.00%
14134	SCE GO1 PH2 AHU	\$ 70,725	0	\$ -	0.00%
14138	UCSD Muir Vivarium	\$ 6,200	0	\$ -	0.00%
14139	SCE G01 VFD Install	\$ 19,000	0	\$ -	0.00%
14145	SCE Alhambra RTU's	\$ 17,500	0	\$ -	0.00%

Baker Electric
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14150	Qualcomm BI	\$ 15,450	0	\$ -	0.00%
14157	Tavern & Bowl-Costa Mesa	\$ 6,750	0	\$ -	0.00%
14159	SCE ADC MDF Rooms	\$ 5,500	0	\$ -	0.00%
14161	SCE Irwindale Boiler	\$ 3,000	0	\$ -	0.00%
14174	SCE Pomona RTU Change Out	\$ 12,640	0	\$ -	0.00%
14190	CP P-1174 Working Dog Fac	\$ 8,950	0	\$ -	0.00%
14208	CP Headworks Bldg.	\$ 4,850	0	\$ -	0.00%
14209	College of the Desert	\$ 1,275	0	\$ -	0.00%
14217	UCSD Thurgood Marshall	\$ 3,750	0	\$ -	0.00%
14225	SCE GO1 CP	\$ 9,450	0	\$ -	0.00%
14228	Qualcomm Bldg.	\$ 3,850	0	\$ -	0.00%
14230	KP Mission Trails	\$ 650	0	\$ -	0.00%
14237	KP Kenyon Bldg. B	\$ 8,393	0	\$ -	0.00%
14240	SCE GO3 MZU	\$ 4,100	0	\$ -	0.00%
14242	CSMC Nurse Station	\$ 24,000	0	\$ -	0.00%
14245	Webster ES	\$ 18,800	0	\$ -	0.00%
14246	CSMC AC-7 & 8 VFD Retroft	\$ 7,400	0	\$ -	0.00%
14249	KPSD Bostonia PCC	\$ 12,500	0	\$ -	0.00%
14254	CSUSM Student Health Bldg	\$ 30,500	0	\$ -	0.00%
14255	Streaming Media	\$ 16,180	0	\$ -	0.00%
14259	Cusumano Plaza Bldg. 101	\$ 20,590	0	\$ -	0.00%
14270	CSMC AHSP L1 Sim Lab	\$ 5,078	0	\$ -	0.00%
14272	CSMC Linear Accelerator	\$ 13,000	0	\$ -	0.00%
14276	CSMC P2 Prow FCU	\$ 1,750	0	\$ -	0.00%
14281	Santa Monica Bus Park	\$ 14,300	0	\$ -	0.00%
14289	SCE GO1 CP CHWP VFD Instl	\$ 2,700	0	\$ -	0.00%
14291	Tustin Commons CU Power	\$ 6,820	0	\$ -	0.00%
14294	USC EEB 5th Flr. TI	\$ 15,500	0	\$ -	0.00%
14296	Dodgers Cooling Tower	\$ 5,325	0	\$ -	0.00%
14299	UCSD Counseling & Psychol	\$ 375	0	\$ -	0.00%
14301	UCSD Raza Resource Ctr	\$ 650	0	\$ -	0.00%
14303	SDSU Storm Nasatir	\$ 6,250	0	\$ -	0.00%
14305	SDSU WH2 Control	\$ 3,050	0	\$ -	0.00%
14308	POLA Rear Berths 136-139	\$ 52,700	0	\$ -	0.00%
14310	SDSU Elevator Room FCU	\$ 1,950	0	\$ -	0.00%
14318	Univ LV Chiller Upgrade	\$ 15,000	0	\$ -	0.00%
14322	St Thomas More	\$ 32,750	0	\$ -	0.00%
14334	Legoland AHU	\$ 900	0	\$ -	0.00%
14336	CSMC Pavillion ATS Monitr	\$ 6,650	0	\$ -	0.00%
14338	SD Civic Center Theatre	\$ 18,900	0	\$ -	0.00%
14340	CSMC AHSP CW Pressure Con	\$ 4,500	0	\$ -	0.00%
14342	UCI Wireless Thermostat	\$ 10,000	0	\$ -	0.00%
14353	Scripps Enc Chem Treatmnt	\$ 8,225	0	\$ -	0.00%
14357	Kaiser La Mesa MOB	\$ 4,500	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14361	MCAS Miramar Bldg. 2273	\$ 35,000	0	\$ -	0.00%
14363	MCAS Miramar Bldg. 2471	\$ 92,000	0	\$ -	0.00%
14365	KP Fordham Reception Area	\$ 1,050	0	\$ -	0.00%
14367	UCSD EBU-II RM. 333	\$ 500	0	\$ -	0.00%
14370	Petersen Auto Museum TI	\$ 17,000	0	\$ -	0.00%
14389	MCAS Miramar Bldg. 2660	\$ 52,000	0	\$ -	0.00%
14390	CSMC FM A813	\$ 1,400	0	\$ -	0.00%
14396	HACLA Chiller Replacement	\$ 1,500	0	\$ -	0.00%
14398	SMC Science Bldg. EFs	\$ 18,500	0	\$ -	0.00%
14400	NMCSD Maint Contract 2014	\$ 143,449	0	\$ -	0.00%
14405	Bethune Elem School	\$ 5,450	0	\$ -	0.00%
14416	Water Front Park	\$ 7,000	0	\$ -	0.00%
14418	Egon Zehnder Suite 3580	\$ 1,400	0	\$ -	0.00%
14424	CHOC N.2nd Level	\$ 850	0	\$ -	0.00%
14432	Northrop RB-M4 JWST Upgrd	\$ 3,224	0	\$ -	0.00%
14436	UCSD Eckart Library Ph 2	\$ 6,550	0	\$ -	0.00%
14451	UCSD Eckart Library Ph 1	\$ 2,650	0	\$ -	0.00%
14452	KP San Marcos Ambulatory	\$ 650	0	\$ -	0.00%
14462	OCC-IDC Phase 1 Complex	\$ 131,000	0	\$ -	0.00%
14466	CHLA Anderson Pavillion	\$ 6,000	0	\$ -	0.00%
14470	Tarzana MC 6th Flr ICU	\$ 9,650	0	\$ -	0.00%
14473	29 Pams Bldg. 1707	\$ 4,675	0	\$ -	0.00%
14476	LBCC Central Plant	\$ 13,500	0	\$ -	0.00%
14478	Los Alamitos MOB TI's	\$ 8,000	0	\$ -	0.00%
14480	CSMC 4620 Customer Svc.	\$ 2,600	0	\$ -	0.00%
14485	Zone 1 Valencia Park HVAC	\$ 22,153	0	\$ -	0.00%
14493	CVESD Rice ES	\$ 31,300	0	\$ -	0.00%
14495	CVESD Rosebank ES	\$ 26,585	0	\$ -	0.00%
14497	CVESD Castle Park ES	\$ 28,695	0	\$ -	0.00%
14498	SCE GO4 1st Fl Train	\$ 7,100	0	\$ -	0.00%
14502	Pico Rivera2-Metering Prj	\$ 1,500	0	\$ -	0.00%
14503	UCSD Rad Room 3	\$ 1,400	0	\$ -	0.00%
14504	2951 McQuays Phase II	\$ 15,000	0	\$ -	0.00%
14505	UCSD Cog Scien Lab/Kitchn	\$ 650	0	\$ -	0.00%
14506	SCE Go4 (13) FCUs Retro-1	\$ 16,550	0	\$ -	0.00%
14508	Harbor Court	\$ 8,995	0	\$ -	0.00%
14509	Helix Charter High School	\$ 23,300	0	\$ -	0.00%
14511	SDUSD IDIQ Reg-2 Lang Acd	\$ 8,185	0	\$ -	0.00%
14515	UCSD Angioedema	\$ 2,100	0	\$ -	0.00%
14518	SDUSD Zamorano ES	\$ 8,650	0	\$ -	0.00%
14521	LAX T3DFS	\$ 2,250	0	\$ -	0.00%
14524	LAMC Health Center	\$ 5,225	0	\$ -	0.00%
14526	CSMC AHSP EFs & AHUs	\$ 8,750	0	\$ -	0.00%
14529	Carver ES	\$ 14,000	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14533	Nye ES	\$ 15,434	0	\$ -	0.00%
14537	Oak Park ES	\$ 17,770	0	\$ -	0.00%
14539	Cox- El Cajon	\$ 2,400	0	\$ -	0.00%
14555	CSMC ER Staff Lounge	\$ 3,500	0	\$ -	0.00%
14557	Kaiser Sand Canyon T & M	\$ 1,600	0	\$ -	0.00%
14559	LAVC Omega Data Center	\$ 7,500	0	\$ -	0.00%
14560	UCSD Multiple Bldgs.	\$ 11,735	0	\$ -	0.00%
14561	CSMC Davis Proteomics Lab	\$ 6,500	0	\$ -	0.00%
14591	KPwLA Hematology	\$ 10,500	0	\$ -	0.00%
14593	Compton Col-Allied Health	\$ 36,275	0	\$ -	0.00%
14598	Digital Realty	\$ 85,500	0	\$ -	0.00%
14602	SDUSD Hearst HS	\$ 12,200	0	\$ -	0.00%
14603	Los Alamitos MOB Ste 300	\$ 2,500	0	\$ -	0.00%
14604	SDUSD Gage ES	\$ 15,962	0	\$ -	0.00%
14606	SDUSD Lewis MS	\$ 26,200	0	\$ -	0.00%
14608	SDUSD Dingeman ES	\$ 20,360	0	\$ -	0.00%
14610	UCSD Med Spec Ste. 240	\$ 1,050	0	\$ -	0.00%
14612	SDUSD -SDHS Sci Tech Bldg	\$ 6,950	0	\$ -	0.00%
14614	Cuyamaca College Bldg H	\$ 2,950	0	\$ -	0.00%
14616	Sorrento Valley TI	\$ 1,150	0	\$ -	0.00%
14619	LAVC Utility Encls Part 1	\$ 16,725	0	\$ -	0.00%
14621	Aston Views TI	\$ 1,100	0	\$ -	0.00%
14626	CSMC Davis PET-MMR Instal	\$ 3,100	0	\$ -	0.00%
14634	SDSU Zura Hall	\$ 340,956	0	\$ -	0.00%
14643	Port Hueneme BEQ Bdg 1478	\$ 30,750	0	\$ -	0.00%
14650	JCI SD Office Cameras	\$ 5,000	0	\$ -	0.00%
14656	Zone 10 Hages ES HVAC	\$ 15,885	0	\$ -	0.00%
14659	Audubon ES	\$ 16,715	0	\$ -	0.00%
14661	Freese ES	\$ 12,200	0	\$ -	0.00%
14663	Pershing MS	\$ 92,239	0	\$ -	0.00%
14665	Los Alamitos MOB Ste. 150	\$ 1,200	0	\$ -	0.00%
14672	Cox, Castle Nicholson TI	\$ 6,250	0	\$ -	0.00%
14674	Well Point Chiller Com	\$ 4,685	0	\$ -	0.00%
14681	Source Photonics	\$ 13,275	0	\$ -	0.00%
14684	Tourney Pointe RF VFD's	\$ 11,265	0	\$ -	0.00%
14685	Loftus Suite 100	\$ 1,400	0	\$ -	0.00%
14689	DOMH Riverside	\$ 84,725	0	\$ -	0.00%
14694	Los Padrinos JH VFDs	\$ 22,775	0	\$ -	0.00%
14698	Anaheim Marriott Phase 4	\$ 14,150	0	\$ -	0.00%
14700	CS AHSP Sensaphone TCP	\$ 2,000	0	\$ -	0.00%
14703	Marshall ES	\$ 14,400	0	\$ -	0.00%
14706	Rosa Parks E.S.	\$ 77,870	0	\$ -	0.00%
14708	Fulton ES	\$ 19,300	0	\$ -	0.00%
14710	Qualcomm QRC	\$ 35,000	0	\$ -	0.00%

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Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

Note: This Confidential section must be deleted if releasing this information to the public. Pursuant to Government Code § 6255

Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14712	SDPD 911 Chillers	\$ 6,200	0	\$ -	0.00%
14715	Manheim Facility	\$ 12,000	0	\$ -	0.00%
14723	Raza Phase 2	\$ 750	0	\$ -	0.00%
14727	San Fernando Teen Clinic	\$ 6,400	0	\$ -	0.00%
14729	LAUSD	\$ 1,575	0	\$ -	0.00%
14734	Pala Casino CP Retrofit	\$ 10,900	0	\$ -	0.00%
14736	Energy Retrocomm 5 Bldgs.	\$ 106,150	0	\$ -	0.00%
14738	NBSD B-3280 Wing C	\$ 5,950	0	\$ -	0.00%
14747	Boone ES	\$ 21,300	0	\$ -	0.00%
14749	KPMG 6th Floor	\$ 575	0	\$ -	0.00%
14756	Channel Islands ANG5	\$ 12,490	0	\$ -	0.00%
14757	Carrillo ES AND	\$ 4,100	0	\$ -	0.00%
14760	LJC Moss Adams 13th Flr.	\$ 13,680	0	\$ -	0.00%
14769	Company 3 Method Studios	\$ 40,000	0	\$ -	0.00%
14776	MCAS CP Fire Alarm Condt	\$ 1,865	0	\$ -	0.00%
14777	LA Prep Kitchen	\$ 51,000	0	\$ -	0.00%
14783	LAX DIPs 4B & 4C	\$ 29,175	0	\$ -	0.00%
14794	Lee E.S.	\$ 20,550	0	\$ -	0.00%
14800	UCSD Giesel Hall	\$ 5,735	0	\$ -	0.00%
14804	UCSD Stein BSL-3	\$ 27,100	0	\$ -	0.00%
14806	Sea World Penguin	\$ 3,550	0	\$ -	0.00%
14817	Rio Hondo Coll Gym Retro	\$ 13,775	0	\$ -	0.00%
14821	UCSD SAS 5th Floor TI	\$ 750	0	\$ -	0.00%
14823	VVC Bldg 30/31 Upgrade	\$ 52,000	0	\$ -	0.00%
14825	Rialto High School	\$ 28,640	0	\$ -	0.00%
14827	Haworth Showroom	\$ 5,120	0	\$ -	0.00%
14829	USC KAM TI	\$ 65,100	0	\$ -	0.00%
14836	Palomar College AHU	\$ 1,450	0	\$ -	0.00%
14841	Hines Bldg.	\$ 9,975	0	\$ -	0.00%
14843	Chicago Title	\$ 4,250	0	\$ -	0.00%
14846	UCSD Revelle Cafe	\$ 3,800	0	\$ -	0.00%
14848	Carrillo ES SAT Sensors	\$ 2,200	0	\$ -	0.00%
14853	NCREC HWS Upgrade	\$ 2,935	0	\$ -	0.00%
14855	LAX T2 Redundant Elev.	\$ 10,200	0	\$ -	0.00%
14863	Platt College Expansion	\$ 3,100	0	\$ -	0.00%
14878	LAX Angelino TI	\$ 4,150	0	\$ -	0.00%
14893	Kucera MS Classroom Add	\$ 5,400	0	\$ -	0.00%
14895	UCSD BSB Elevator	\$ 4,750	0	\$ -	0.00%
14898	Newport Gateway RMS	\$ 9,765	0	\$ -	0.00%
14902	Solano ES (Westover)	\$ 11,935	0	\$ -	0.00%
14916	SDUSD-SCPA	\$ 34,850	0	\$ -	0.00%
14918	Angier ES	\$ 24,800	0	\$ -	0.00%
14922	Fisher & Phillips-10th Fl	\$ 5,750	0	\$ -	0.00%
14924	SDG&E CP3 Level 1 & 2 TI	\$ 12,000	0	\$ -	0.00%

Baker Electric
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14926	LAX T2 Virgin Atlantic CH	\$ 13,825	0	\$ -	0.00%
14928	Sherman Oaks Classroom	\$ 5,500	0	\$ -	0.00%
14930	Crossroads Science Bldg.	\$ 10,250	0	\$ -	0.00%
14932	145 State College Bldg.	\$ 6,950	0	\$ -	0.00%
14941	Mesa College CP	\$ 14,450	0	\$ -	0.00%
14943	Benchley Weinberger	\$ 2,175	0	\$ -	0.00%
14945	UCSD Skaggs 4th Floor	\$ 1,600	0	\$ -	0.00%
14959	TGS Valve Wiring Repl.	\$ 4,134	0	\$ -	0.00%
14967	TGS Trane System Repl.	\$ 8,335	0	\$ -	0.00%
14970	TGS VAV T & M Work	\$ 8,335	0	\$ -	0.00%
14972	LA Prep Kitchen	\$ 2,985	0	\$ -	0.00%
14984	Hologic-Lyo Project	\$ 2,275	0	\$ -	0.00%
14986	NBPL BEQ Bldg. 302	\$ 69,500	0	\$ -	0.00%
14990	Rolando Park ES	\$ 16,950	0	\$ -	0.00%
15016	SDCWDF B1 CO2 Sensors	\$ 1,572	0	\$ -	0.00%
15024	Disney ROD Bldg.	\$ 1,975	0	\$ -	0.00%
15050	Kaiser Riverside MOB	\$ 20,988	0	\$ -	0.00%
15054	KP Fontana PH3	\$ 14,975	0	\$ -	0.00%
15057	SDUSD Keiller LA	\$ 18,880	0	\$ -	0.00%
15059	SDUSD Morse HS	\$ 69,450	0	\$ -	0.00%
15064	SC GO1 Re-Roofing	\$ 11,000	0	\$ -	0.00%
15067	SDSU NLS Vivarium	\$ 23,750	0	\$ -	0.00%
15072	Westin LAX CP T& M	\$ 8,463	0	\$ -	0.00%
15090	Citrus Towers VAV	\$ 1,500	0	\$ -	0.00%
15092	NGS B906 Paint Booths	\$ 1,275	0	\$ -	0.00%
15096	Kaiser FMC Palm Court 1	\$ 33,325	0	\$ -	0.00%
15102	Scripps Cardio Make Ready	\$ 843	0	\$ -	0.00%
15108	City Walk	\$ 28,775	0	\$ -	0.00%
15112	P-909 Simulator NASNI	\$ 12,000	0	\$ -	0.00%
15114	UCSD Dermatology TI	\$ 2,400	0	\$ -	0.00%
15117	PM53 Command & Control	\$ 8,500	0	\$ -	0.00%
15119	Jehue MS	\$ 5,400	0	\$ -	0.00%
15121	CenturyLink LA 1	\$ 9,215	0	\$ -	0.00%
15125	VAFB B1737	\$ 11,235	0	\$ -	0.00%
15133	Sheraton SD	\$ 1,575	0	\$ -	0.00%
15140	CSMC NPT AHU-29	\$ 2,900	0	\$ -	0.00%
15142	LAX TBIT Hudson News	\$ 2,250	0	\$ -	0.00%
15146	UCSD BSB	\$ 428	0	\$ -	0.00%
15148	UCSD BSB	\$ 950	0	\$ -	0.00%
15155	Encore Capital	\$ 9,500	0	\$ -	0.00%
15157	UCSD SIO	\$ 2,325	0	\$ -	0.00%
15159	UCSD Canyon Vista	\$ 2,245	0	\$ -	0.00%
15163	Curie ES	\$ 12,800	0	\$ -	0.00%
15165	Sharp Medical CT2 & RAD3	\$ 2,925	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15167	UCSD East & West	\$ 26,520	0	\$ -	0.00%
15170	UCSD Pines Dining	\$ 2,575	0	\$ -	0.00%
15171	Kaiser Annandale 3rd. Flr	\$ 8,180	0	\$ -	0.00%
15173	Regents Square 1 Chiller	\$ 3,900	0	\$ -	0.00%
15177	Plaza Irvine Gym	\$ 4,850	0	\$ -	0.00%
15181	Kalani & Spec Suites	\$ 9,100	0	\$ -	0.00%
15187	BUSD Data Center	\$ 9,000	0	\$ -	0.00%
15189	Twin Oaks ES	\$ 30,986	0	\$ -	0.00%
15192	Woodland Park MS	\$ 25,295	0	\$ -	0.00%
15193	CHOC CIRM Lab	\$ 8,500	0	\$ -	0.00%
15195	Yahoo Playa Vista	\$ 59,000	0	\$ -	0.00%
15214	UCSD Biomed Heaven Sensrs	\$ 6,500	0	\$ -	0.00%
15227	UCSD H&D Goody's Mrktplc	\$ 8,945	0	\$ -	0.00%
15230	Eastlake HS HVAC	\$ 15,200	0	\$ -	0.00%
15234	KP Ontario	\$ 3,305	0	\$ -	0.00%
15236	UCSD Revelle Plaza	\$ 665	0	\$ -	0.00%
15238	Solar Turbines	\$ 13,975	0	\$ -	0.00%
15240	Liberty Elementary School	\$ 78,500	0	\$ -	0.00%
15241	LAX T L1 CBP Office	\$ 10,500	0	\$ -	0.00%
15243	Harvest Fellowship Center	\$ 7,725	0	\$ -	0.00%
15247	OCC HVAC Upgrades	\$ 50,825	0	\$ -	0.00%
15249	77TH LAPD Bldgs. EETP	\$ 17,428	0	\$ -	0.00%
15267	VAFB B10728 HVAC	\$ 11,500	0	\$ -	0.00%
15272	Southwestern College B220	\$ 11,805	0	\$ -	0.00%
15296	2175 Park Place	\$ 53,645	0	\$ -	0.00%
15301	USC NRT Mechanical	\$ 12,275	0	\$ -	0.00%
15323	Berkshire Hathaway Home S	\$ 3,365	0	\$ -	0.00%
15329	SDUSD Serra HS	\$ 4,500	0	\$ -	0.00%
15333	UCSD Leichtag Rm	\$ 2,650	0	\$ -	0.00%
15342	Darnall ES	\$ 12,845	0	\$ -	0.00%
15345	Mann Complex MS	\$ 26,775	0	\$ -	0.00%
15351	Wells Fargo VAVs	\$ 7,750	0	\$ -	0.00%
15357	CBP Sugar Lab Textile	\$ 7,750	0	\$ -	0.00%
15361	Crawford H.S. Region 1	\$ 40,725	0	\$ -	0.00%
15364	Hoover H.S.	\$ 17,325	0	\$ -	0.00%
15370	Ruth Temple	\$ 2,907	0	\$ -	0.00%
15376	KFMC MOB	\$ 9,018	0	\$ -	0.00%
15382	Yahoo Phase 2 1st Floor	\$ 25,500	0	\$ -	0.00%
15388	Zara TI	\$ 21,000	0	\$ -	0.00%
15404	KOMC Cup Flow	\$ 8,950	0	\$ -	0.00%
15406	Mt. Sac T & M	\$ 1,360	0	\$ -	0.00%
15410	Jonathan Club	\$ 9,300	0	\$ -	0.00%
15412	VAFB B7425 Boiler	\$ 7,005	0	\$ -	0.00%
15422	Walter Reed MS (Beta Inv)	\$ 14,825	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15431	Walter Reed MS (Climai)	\$ 7,367	0	\$ -	0.00%
15433	Regus TI	\$ 2,315	0	\$ -	0.00%
15435	NGS B202	\$ 2,350	0	\$ -	0.00%
15437	Harvest Fellowship T & M	\$ 12,100	0	\$ -	0.00%
15439	Cuyamaca One Stop	\$ 5,435	0	\$ -	0.00%
15443	KFMC Severe Water Loss	\$ 3,300	0	\$ -	0.00%
15445	CP Fallbrook	\$ 7,750	0	\$ -	0.00%
15452	Paycheck TI	\$ 9,975	0	\$ -	0.00%
15457	SCE ADC AIRFLOW MONITORIN	\$ 1,100	0	\$ -	0.00%
15459	600 B ST CW Upgrade	\$ 19,300	0	\$ -	0.00%
15461	PUSD Del Norte	\$ 895	0	\$ -	0.00%
15465	AAA Costa Mesa	\$ 12,675	0	\$ -	0.00%
15471	Pepper Drive LCR Bldg.	\$ 8,520	0	\$ -	0.00%
15480	Garden Grove Base Oper	\$ 10,775	0	\$ -	0.00%
15486	Digital Realty DLR Peer 1	\$ 6,000	0	\$ -	0.00%
15488	UCSD Thornton Telemet	\$ 2,235	0	\$ -	0.00%
15495	First American TI	\$ 12,700	0	\$ -	0.00%
15518	CSMC Linear	\$ 6,000	0	\$ -	0.00%
15533	Sybron Orange TI	\$ 3,750	0	\$ -	0.00%
15537	AIS Data Center	\$ 5,475	0	\$ -	0.00%
15547	O' Farrell Charter HS	\$ 42,100	0	\$ -	0.00%
15552	Palomar Concourse One TI	\$ 1,725	0	\$ -	0.00%
15557	St. Jude Chemo Prep T&M	\$ 2,116	0	\$ -	0.00%
15562	CSMC SCCT Patient Center	\$ 1,825	0	\$ -	0.00%
15567	SDGE Food Pavillion	\$ 5,040	0	\$ -	0.00%
15572	Summit RB Amenities	\$ 16,030	0	\$ -	0.00%
15584	Sharp Rees Stealy -RB MOB	\$ 15,000	0	\$ -	0.00%
15587	CP Bldg 524103	\$ 41,245	0	\$ -	0.00%
15595	Eastside Christian Church	\$ 1,200	0	\$ -	0.00%
15597	Urban League TI	\$ 1,835	0	\$ -	0.00%
15600	FlorExpo Access Control	\$ 1,750	0	\$ -	0.00%
15610	CP BEQ Complex	\$ 11,477	0	\$ -	0.00%
15612	Anixter Data Rack Grndng	\$ 1,595	0	\$ -	0.00%
15617	Internap Access	\$ 5,894	0	\$ -	0.00%
15626	La Jolla Commons Tri-Net	\$ 2,533	0	\$ -	0.00%
15634	PMC West 8th Flr. VAV	\$ 1,050	0	\$ -	0.00%
15638	Four Square Church	\$ 65,750	0	\$ -	0.00%
15642	UCSD SME Lab 303&305	\$ 3,946	0	\$ -	0.00%
15644	Pechanga Mock Up	\$ 3,957	0	\$ -	0.00%
15646	Gilead Phase D	\$ 1,700	0	\$ -	0.00%
15650	Gilead B500 Lab Exp	\$ 7,315	0	\$ -	0.00%
15656	First Republic Bank	\$ 4,950	0	\$ -	0.00%
15658	Novartis F257 Cold Rm	\$ 2,795	0	\$ -	0.00%
15664	Silverado HS	\$ 96,000	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15669	City of SM Community Ctr	\$ 7,000	0	\$ -	0.00%
15672	CP Bldg. 620426	\$ 2,166	0	\$ -	0.00%
15674	CP Bldg. 632044	\$ 2,817	0	\$ -	0.00%
15676	CP Bldg. 530530	\$ 1,977	0	\$ -	0.00%
15678	CP Bldg. 530643	\$ 2,297	0	\$ -	0.00%
15680	CP Bldg. 620424	\$ 2,166	0	\$ -	0.00%
15686	Centennial HS EMS	\$ 9,525	0	\$ -	0.00%
15707	PIH Hacienda Heights	\$ 7,210	0	\$ -	0.00%
15714	Prometheus- MBC Migration	\$ 9,590	0	\$ -	0.00%
15730	Intuit Meter Project	\$ 3,896	0	\$ -	0.00%
15733	Qualcomm AQ Bldg.	\$ 1,500	0	\$ -	0.00%
15739	Concordia Church & School	\$ 10,475	0	\$ -	0.00%
15747	NMCS D Renovate MOR 9	\$ 3,610	0	\$ -	0.00%
15761	Dept. of Probation-Perris	\$ 7,875	0	\$ -	0.00%
15777	LACC Women's Gym HVAC	\$ 8,272	0	\$ -	0.00%
15779	Boys & Girls Club Santee	\$ 8,450	0	\$ -	0.00%
15781	SDWA-CP Upgrade	\$ 1,095	0	\$ -	0.00%
15816	Sempra HQ EF-9 Comm	\$ 1,925	0	\$ -	0.00%
15819	iFly Ontario	\$ 6,500	0	\$ -	0.00%
15823	J&J Radiochemistry Lab	\$ 650	0	\$ -	0.00%
15825	Balboa Naval Medical	\$ 17,300	0	\$ -	0.00%
15832	SCE Mtn. View Control Rm.	\$ 9,294	0	\$ -	0.00%
15834	Norwalk USD LGR Panels	\$ 2,000	0	\$ -	0.00%
15849	SCE GO2 CT Byp Valve Rep	\$ 2,265	0	\$ -	0.00%
15851	Kaiser SM Remodels	\$ 1,995	0	\$ -	0.00%
15857	Yucca Mesa ES	\$ 3,900	0	\$ -	0.00%
15859	Boys & Girls Club- Santee	\$ 2,765	0	\$ -	0.00%
15865	Kaiser Temecula MOB 2	\$ 9,250	0	\$ -	0.00%
15867	OCC MBCC	\$ 4,982	0	\$ -	0.00%
15875	77th Street LAPD Meters	\$ 6,202	0	\$ -	0.00%
15877	Betty Lou Courthouse	\$ 12,375	0	\$ -	0.00%
15883	Water Front Park	\$ 3,525	0	\$ -	0.00%
15889	Solar Turbines Conduit	\$ 18,000	0	\$ -	0.00%
15907	Center Point Plaza - VFD	\$ 2,500	0	\$ -	0.00%
15909	UPC Puesto STE. 130 TI	\$ 2,230	0	\$ -	0.00%
15928	Cox- El Cajon WCI Install	\$ 5,975	0	\$ -	0.00%
15936	NMCS D B1 Speakers	\$ 4,259	0	\$ -	0.00%
15942	NMCS D B1 Pharmacy PH 1	\$ 5,225	0	\$ -	0.00%
15949	SDPD-VFD Replacement	\$ 1,975	0	\$ -	0.00%
16115	NG B3 2ND FLR TI	\$ 2,760	0	\$ -	0.00%
1305	Service Warranty 2013	\$ 6,741	0	\$ -	0.00%
1405	Service Warranty 2014	\$ 1,583	0	\$ -	0.00%
12898	PEC Chiller Bldg Switchge	\$ 21,895	0	\$ -	0.00%
12927	PEC Elec Storage Building	\$ 7,600	0	\$ -	0.00%

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12951	Bldg 34 Misc	\$ 10,000	0	\$ -	0.00%
12982	B227 Mirage Club HVAC	\$ 39,750	0	\$ -	0.00%
13116	PEC MOC 1132	\$ 62,806	0	\$ -	0.00%
13128	Sharp Chula Vist Comm1 EV	\$ 2,470	0	\$ -	0.00%
13130	Sharp Genesee Commercl EV	\$ 2,620	0	\$ -	0.00%
13134	Sharp Ruffin Rd Comm1 EV	\$ 2,470	0	\$ -	0.00%
13178	NAF El Centro Fuel Farm	\$ 52,900	0	\$ -	0.00%
13225	SD Park Robb Field EV	\$ 2,885	0	\$ -	0.00%
13227	Long Beach Conv Ctr Light	\$ 34,985	0	\$ -	0.00%
13254	Bldg 33 Install HEPA Filt	\$ 9,393	0	\$ -	0.00%
13256	USD-Mission Main Pkg EV	\$ 21,030	0	\$ -	0.00%
13267	USD Locat #4 Alcalá Vista	\$ 22,980	0	\$ -	0.00%
13268	B Street Pier Site Lighti	\$ 114,000	0	\$ -	0.00%
13272	NTC Liberty Station EV In	\$ 3,499	0	\$ -	0.00%
13356	Miramar Training RmElec D	\$ 61,280	0	\$ -	0.00%
13373	SDG&E Century Park B4&5	\$ 76,231	0	\$ -	0.00%
13385	Bldg 18 SIPRNET Room	\$ 9,195	0	\$ -	0.00%
13408	Mira Mesa HS Broadc Video	\$ 19,225	0	\$ -	0.00%
13425	Life Technologies EV Inst	\$ 19,505	0	\$ -	0.00%
13428	Charging Station Meter Ho	\$ 6,127	0	\$ -	0.00%
13443	Sears Carlsbad EV install	\$ 2,801	0	\$ -	0.00%
13445	Bldg 87 Test Cell Mod	\$ 51,420	0	\$ -	0.00%
13459	Encanto ES Fire Alarm Onl	\$ 10,920	0	\$ -	0.00%
13462	Language Acad HS New Clas	\$ 16,075	0	\$ -	0.00%
13463	Car 2 Go EV Charger Insta	\$ 46,000	0	\$ -	0.00%
13466	B18 Gate Power & Cont Con	\$ 25,900	0	\$ -	0.00%
13468	Serra HS Fire Alarm	\$ 11,000	0	\$ -	0.00%
13478	Knox MS New Classroom Bld	\$ 20,669	0	\$ -	0.00%
13492	Serra (Junipero) HS OS	\$ 39,125	0	\$ -	0.00%
13495	Encanto 2 Story Other Sys	\$ 32,480	0	\$ -	0.00%
13503	Western Detention-Elev Mo	\$ 20,800	0	\$ -	0.00%
13518	APS Engineering Elect Upg	\$ 15,250	0	\$ -	0.00%
13522	Pipe Gallery@BEQ Area 52	\$ 8,000	0	\$ -	0.00%
13545	B34 MCC Canopy Lights	\$ 2,559	0	\$ -	0.00%
13552	B3232 Renovate Off Area	\$ 31,702	0	\$ -	0.00%
13555	Resurface Outdoor Playing	\$ 5,000	0	\$ -	0.00%
13557	B7 Transfer Switch Replac	\$ 91,515	0	\$ -	0.00%
13560	Resurf outdoor Playing Ct	\$ 5,836	0	\$ -	0.00%
13562	B130 Carpet & Furn Instal	\$ 2,759	0	\$ -	0.00%
13578	PEC Ground Grid Repair	\$ 15,523	0	\$ -	0.00%
13583	B15 Pred C 600A Panel	\$ 15,822	0	\$ -	0.00%
13586	Service Electrician Cable	\$ 3,100	0	\$ -	0.00%
13589	PEC Remove Street Light	\$ 2,189	0	\$ -	0.00%
13592	PEC Security Camera @ NR	\$ 18,570	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13593	B15 Pred B Cube Reconfig	\$ 7,424	0	\$ -	0.00%
13594	B86 Shaker Table Opt B	\$ 18,830	0	\$ -	0.00%
13597	Replace GFI Sensors & Con	\$ 23,750	0	\$ -	0.00%
13603	Sun Harbor Marina EV Inst	\$ 12,070	0	\$ -	0.00%
13617	B-34 Install 30 HP VFD	\$ 3,448	0	\$ -	0.00%
13621	Mesa College Talk-A-Phone	\$ 1,500	0	\$ -	0.00%
13624	S.D.Collge B-R Data Rm	\$ 10,843	0	\$ -	0.00%
13627	SDSU Lot G EV Install	\$ 16,406	0	\$ -	0.00%
13632	B87 Spare 3000AF Breaker	\$ 14,102	0	\$ -	0.00%
13633	PEC Admin Roof Reinf.	\$ 1,429	0	\$ -	0.00%
13634	PEC Silica Analyzer	\$ 4,686	0	\$ -	0.00%
13637	SDHS Troubleshoot MV Swtc	\$ 585	0	\$ -	0.00%
13638	B2 Fume Hoods (113 & 240)	\$ 541	0	\$ -	0.00%
13641	B-2 AH1 & AH3	\$ 7,968	0	\$ -	0.00%
13642	Bldg 85 - Diazyme	\$ 2,523	0	\$ -	0.00%
13643	PEC CW Pump Conduit	\$ 8,168	0	\$ -	0.00%
13645	Cush&Wake Lusk EV	\$ 15,915	0	\$ -	0.00%
13649	HCP Torreyana, LLC EV	\$ 16,170	0	\$ -	0.00%
13650	B37-137 Troublshoot Outlt	\$ 306	0	\$ -	0.00%
13651	B78, JIB Crane Install	\$ 2,091	0	\$ -	0.00%
13657	B-2 Perform 777 MCM L	\$ 575	0	\$ -	0.00%
13659	B86 Cable Flex Tester	\$ 3,159	0	\$ -	0.00%
13671	Bldgs 14&15 Coordination	\$ 27,764	0	\$ -	0.00%
13674	Replace Test Block Assy	\$ 2,800	0	\$ -	0.00%
13676	CUY Plant Ionized Water	\$ 2,555	0	\$ -	0.00%
13678	B37 Blue Grass Prox Sw	\$ 39,225	0	\$ -	0.00%
13682	B15 Environmental Chamber	\$ 14,614	0	\$ -	0.00%
13684	B15 New Wave Guide Solder	\$ 5,455	0	\$ -	0.00%
13687	B13 Chiller Electrical	\$ 3,422	0	\$ -	0.00%
13688	B41 Spray Booth Explosion	\$ 2,859	0	\$ -	0.00%
13689	B18 C-IED SIL	\$ 5,606	0	\$ -	0.00%
13692	B14 PM on Electrical Gear	\$ 59,545	0	\$ -	0.00%
13694	B17 Inst Floor Boxes Conf	\$ 25,665	0	\$ -	0.00%
13695	B15 PM on Electrical Gear	\$ 87,315	0	\$ -	0.00%
13698	SDCCD-ECC Aero Dr. EV	\$ 31,292	0	\$ -	0.00%
13699	P&L Install @ Control Rm	\$ 858	0	\$ -	0.00%
13701	SDCC-ECC Ocean View EV	\$ 27,898	0	\$ -	0.00%
13705	B2 Lab 651 New Panel	\$ 3,601	0	\$ -	0.00%
13708	PEC Pump Lighting	\$ 3,453	0	\$ -	0.00%
13709	SDUSD Ren. Woodshp@Marsto	\$ 12,579	0	\$ -	0.00%
13713	B36 Move Oven B36 to B35	\$ 2,128	0	\$ -	0.00%
13714	PEC Patch Camera Conduit	\$ 240	0	\$ -	0.00%
13717	PEC ISCO Sample Pumps	\$ 1,318	0	\$ -	0.00%
13718	PEC, CTG Roof Mod	\$ 80,140	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13720	CUY Control Rm Inverter	\$ 1,052	0	\$ -	0.00%
13722	Bldg 14 Vertical Lift	\$ 7,291	0	\$ -	0.00%
13723	Bldg 2 564 Pacific World	\$ 111	0	\$ -	0.00%
13724	PEC Gantry Lights	\$ 10,064	0	\$ -	0.00%
13725	Miramar TOFT Demand Meter	\$ 2,500	0	\$ -	0.00%
13727	B37 iSCWO Shipping Cont	\$ 21,611	0	\$ -	0.00%
13730	B34 Rel Inst Cond & Boxes	\$ 1,132	0	\$ -	0.00%
13736	Main Breakr Replacement	\$ 7,630	0	\$ -	0.00%
13738	Borrego Spr Chambr Commer	\$ 20,910	0	\$ -	0.00%
13741	PEC Troublsht St. Light	\$ 71	0	\$ -	0.00%
13743	SDSU, Lot G-EV Chargers	\$ 17,863	0	\$ -	0.00%
13744	B34 Turbo Pump Disc Repl	\$ 727	0	\$ -	0.00%
13745	Data/Telephone Cabing T.I	\$ 25,725	0	\$ -	0.00%
13746	B34 Pit 90 Electr Reroute	\$ 1,066	0	\$ -	0.00%
13749	B22 Savior Trailer Pwr Ou	\$ 1,700	0	\$ -	0.00%
13750	SCE Mountainview Pwr Plnt	\$ 55,989	0	\$ -	0.00%
13751	B34 Computer Rm Under Flr	\$ 5,755	0	\$ -	0.00%
13752	B2 Lab 639 Lighting Work	\$ 1,436	0	\$ -	0.00%
13757	Gillespie Field ATT Condu	\$ 4,964	0	\$ -	0.00%
13763	SDGE OCB Maint Coronado	\$ 3,240	0	\$ -	0.00%
13766	CSU Dominguez Hills Stair	\$ 3,600	0	\$ -	0.00%
13767	B20 Room 1105 Split Unit	\$ 2,935	0	\$ -	0.00%
13770	B1 Coordination Study&PM	\$ 68,870	0	\$ -	0.00%
13771	PEC Cathodic Protection	\$ 857	0	\$ -	0.00%
13775	B3 Coordination Study&PM	\$ 44,255	0	\$ -	0.00%
13782	CBRE Ontario WH Repairs	\$ 7,265	0	\$ -	0.00%
13783	B34 Re-Feed Damaged Circ.	\$ 2,501	0	\$ -	0.00%
13785	CP B-210905	\$ 234,956	0	\$ -	0.00%
13787	B15 Fire Suppresion Syste	\$ 43,876	0	\$ -	0.00%
13788	B34 Thompson Rm 208 Recep	\$ 444	0	\$ -	0.00%
13790	PEC Electrical Buss Bar	\$ 18,590	0	\$ -	0.00%
13794	Mt. Signal Solar Site	\$ 85,391	0	\$ -	0.00%
13796	4 New Freeberg Trailers	\$ 45,000	0	\$ -	0.00%
13797	B18 Trench Plate	\$ 765	0	\$ -	0.00%
13800	B18 Discn.CIED Trailer	\$ 404	0	\$ -	0.00%
13801	SAIC-VFD Chilled Water Rp	\$ 28,400	0	\$ -	0.00%
13803	Coachella Val Economic Pt	\$ 1,980	0	\$ -	0.00%
13805	B37 Temp Power-Test Skids	\$ 14,820	0	\$ -	0.00%
13806	Lake Hodges Transformer	\$ 3,089	0	\$ -	0.00%
13807	MEF Ammonia Sensors	\$ 2,775	0	\$ -	0.00%
13819	B2 Demo Electrical Condui	\$ 1,209	0	\$ -	0.00%
13823	Rename Panel Schedule	\$ 2,719	0	\$ -	0.00%
13825	B18 Extend 400HZ Power	\$ 7,223	0	\$ -	0.00%
13826	PEC CTG Igniter Retrofit	\$ 17,626	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13829	B17 Conf Room Power Panel	\$ 11,710	0	\$ -	0.00%
13830	PEC 2013 Outage	\$ 21,250	0	\$ -	0.00%
13832	Frederika Manor -50 KVA	\$ 24,900	0	\$ -	0.00%
13833	Em Work-Remove items O/H	\$ 509	0	\$ -	0.00%
13834	B85 Conf Rm Projector Out	\$ 1,637	0	\$ -	0.00%
13835	B2 Lab 327 New Equipment	\$ 9,586	0	\$ -	0.00%
13840	B2 Lab 651 Power to Equip	\$ 1,294	0	\$ -	0.00%
13841	B34 ECEI Conduit Upgrade	\$ 5,499	0	\$ -	0.00%
13845	B77 New Cooler Power	\$ 1,944	0	\$ -	0.00%
13850	Affirmed Housing Group	\$ 1,695	0	\$ -	0.00%
13851	Reprog Switcher Sony TV	\$ 1,200	0	\$ -	0.00%
13855	Calpine Generating Statn	\$ 22,502	0	\$ -	0.00%
13856	PEC Time Lapse Video Cams	\$ 12,780	0	\$ -	0.00%
13857	B34 Replace 30hp VFD	\$ 6,179	0	\$ -	0.00%
13858	B18 Room 1804- 30A Receipt	\$ 6,663	0	\$ -	0.00%
13860	PEC Elevator Control Cond	\$ 3,304	0	\$ -	0.00%
13861	B41 Drying Over Failsafe	\$ 391	0	\$ -	0.00%
13862	B20 CBP XP Antenna Condui	\$ 8,064	0	\$ -	0.00%
13864	Freeberg Laser & Chiller	\$ 5,887	0	\$ -	0.00%
13865	B78-A Install SDGE Meter	\$ 7,209	0	\$ -	0.00%
13866	B1 Chiller Replacement	\$ 19,415	0	\$ -	0.00%
13870	Alstom/Calpine Gener Powr	\$ 6,634	0	\$ -	0.00%
13872	UCSD Sewage Ejector Stat	\$ 3,500	0	\$ -	0.00%
13873	B14 Electrical PM Repairs	\$ 6,750	0	\$ -	0.00%
13874	B34 NASA Trailer E-Stop	\$ 4,578	0	\$ -	0.00%
13876	B15 Electrical PM Repairs	\$ 1,044	0	\$ -	0.00%
13877	B15 Calibration Room 2214	\$ 1,834	0	\$ -	0.00%
13878	B2 Install Pwr Chem Hoods	\$ 6,985	0	\$ -	0.00%
13881	Fontana 711 & DCFC EV	\$ 2,172	0	\$ -	0.00%
13888	B88 Install Light Fxtures	\$ 903	0	\$ -	0.00%
13890	B9 322-329 Ceiling	\$ 4,109	0	\$ -	0.00%
13893	Palomar CC Modular Bldg R	\$ 8,927	0	\$ -	0.00%
13894	Freeberg T60 May 2013	\$ 18,811	0	\$ -	0.00%
13895	B2 EM2 Lab 355&359 Mech U	\$ 9,871	0	\$ -	0.00%
13906	Manchester Grand Hotel	\$ 32,805	0	\$ -	0.00%
13908	Freeberg-Elliot Bushing	\$ 3,457	0	\$ -	0.00%
13910	B-78A Misc. Extra Work	\$ 8,122	0	\$ -	0.00%
13912	Juarez-Lincoln ES	\$ 2,400	0	\$ -	0.00%
13916	B34 Move Outlet In Pit	\$ 470	0	\$ -	0.00%
13917	B15 Pred C Chamber Rack P	\$ 8,440	0	\$ -	0.00%
13919	Vista Mfg. Buck Boost	\$ 1,900	0	\$ -	0.00%
13921	USD Housing Mission B	\$ 24,000	0	\$ -	0.00%
13922	HP Monrovia Center AMP Ci	\$ 13,430	0	\$ -	0.00%
13925	B14 Far Tech Server Outls	\$ 531	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13926	B14 102 Intellis Dedic O	\$ 937	0	\$ -	0.00%
13934	B-20 DREN Room 1021	\$ 2,354	0	\$ -	0.00%
13936	B15 Servo Area Reloc 30A	\$ 514	0	\$ -	0.00%
13938	B-20 CBP Antenna Roof Wrk	\$ 7,276	0	\$ -	0.00%
13939	VFD Repl @ Scripps Encin	\$ 2,250	0	\$ -	0.00%
13940	B-15 Laser Marker Drop	\$ 1,050	0	\$ -	0.00%
13943	B85 Bottle Room Outlet	\$ 1,856	0	\$ -	0.00%
13944	Discovery School HVAC	\$ 14,500	0	\$ -	0.00%
13945	B-15 X-Ray Machine	\$ 964	0	\$ -	0.00%
13946	B23 Air Force TO Lab	\$ 11,517	0	\$ -	0.00%
13947	B23 Air Force to Groundin	\$ 9,274	0	\$ -	0.00%
13951	B34 MIR Ground Install	\$ 469	0	\$ -	0.00%
13952	Kalos at Florida St EV	\$ 7,750	0	\$ -	0.00%
13953	B2 Light Fixtrs & Outelts	\$ 532	0	\$ -	0.00%
13954	PEC GSU1 Cooler Power	\$ 3,194	0	\$ -	0.00%
13955	UCSD BBP-976 Blanket Agr	\$ 50,000	0	\$ -	0.00%
13956	B15 Fuel Tank Grounding	\$ 6,874	0	\$ -	0.00%
13963	B85 Washer Outlet	\$ 975	0	\$ -	0.00%
13966	B2 617 Lyophilizer Move	\$ 1,606	0	\$ -	0.00%
13968	B21 Hazmat	\$ 3,018	0	\$ -	0.00%
13969	B13 -530 AIL Rm. Remodel	\$ 2,477	0	\$ -	0.00%
13974	B15 Calibration Lab	\$ 3,677	0	\$ -	0.00%
13979	B86 DBAAG Med Voltage	\$ 28,462	0	\$ -	0.00%
13980	B34 CER Edge Upgrade	\$ 1,674	0	\$ -	0.00%
13981	B37 480 Volt Generator	\$ 2,773	0	\$ -	0.00%
13982	Sump Pump and Receptacles	\$ 7,260	0	\$ -	0.00%
13985	B15 128B Outlet Change	\$ 259	0	\$ -	0.00%
13986	B15 Avionics Tet Rack	\$ 19,794	0	\$ -	0.00%
13988	Ralphs #233 Cypress EV In	\$ 680	0	\$ -	0.00%
13989	Pala Market 400 AMP Meter	\$ 12,500	0	\$ -	0.00%
13990	Ralphs #233 Cypress EV-II	\$ 2,344	0	\$ -	0.00%
13991	Ralphs #168 Encinitas EV	\$ 1,118	0	\$ -	0.00%
13992	Ralphs #105 4S Commons EV	\$ 1,454	0	\$ -	0.00%
13993	Ralphs #220 Montezuma EV	\$ 1,888	0	\$ -	0.00%
13994	Ralphs #6 Encino EV Insta	\$ 3,238	0	\$ -	0.00%
13995	Ralphs #287 San Clemente	\$ 2,950	0	\$ -	0.00%
13996	Ralphs #175 Carlsbad EV	\$ 1,670	0	\$ -	0.00%
13997	Ralphs #19 Carmel Mountn	\$ 808	0	\$ -	0.00%
14000	Ralphs #296 Aneheim EV In	\$ 3,002	0	\$ -	0.00%
14002	B14 GCs Fixtures	\$ 4,294	0	\$ -	0.00%
14004	B2 Provide 480V 30A Disco	\$ 2,012	0	\$ -	0.00%
14005	CVSR Transformer	\$ 38,351	0	\$ -	0.00%
14006	Carmel Mountain Library	\$ 1,714	0	\$ -	0.00%
14007	Ralphs #683 San Marcos	\$ 458	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14008	Retrofit Furnace Control	\$ 7,741	0	\$ -	0.00%
14009	Ralphs #683 San Marcos II	\$ 2,194	0	\$ -	0.00%
14012	Mira Mesa Lopez Ridge Prk	\$ 1,714	0	\$ -	0.00%
14017	B2 213 Freezer Outlets	\$ 781	0	\$ -	0.00%
14019	American Internet Service	\$ 3,435	0	\$ -	0.00%
14023	B30 Power to New Pad ROM	\$ 7,623	0	\$ -	0.00%
14025	Data Center Outage (GE)	\$ 12,182	0	\$ -	0.00%
14026	KM AGR Card Readers	\$ 8,175	0	\$ -	0.00%
14027	Install Monitoring Meter	\$ 1,500	0	\$ -	0.00%
14028	Replace 200A Underground	\$ 2,100	0	\$ -	0.00%
14029	CP B-1436 Electrical Shut	\$ 1,546	0	\$ -	0.00%
14031	B2-208 Lighting T & M	\$ 148	0	\$ -	0.00%
14033	Connex Complex Hook Up	\$ 30,000	0	\$ -	0.00%
14037	B26 Lightng Repair	\$ 9,830	0	\$ -	0.00%
14039	Van Allen Street	\$ 2,700	0	\$ -	0.00%
14040	Install Strobe @ the AGR	\$ 4,105	0	\$ -	0.00%
14041	B2-602 Electrical T & M	\$ 186	0	\$ -	0.00%
14042	B18 SIL 1 & 2	\$ 9,073	0	\$ -	0.00%
14044	B77 Voltage Doubler	\$ 2,364	0	\$ -	0.00%
14047	B5 CPT and SDG&E	\$ 26,111	0	\$ -	0.00%
14049	B2 Gulftronics Lab	\$ 33,212	0	\$ -	0.00%
14055	Cerrudo Services	\$ 760	0	\$ -	0.00%
14056	Wiring 120VAC Power	\$ 2,030	0	\$ -	0.00%
14059	CUY Plant Lights	\$ 857	0	\$ -	0.00%
14062	B30 Clean Room	\$ 6,804	0	\$ -	0.00%
14063	B77 480 Volt Outlet	\$ 505	0	\$ -	0.00%
14066	Pt. Loma Bldg. 624	\$ 12,000	0	\$ -	0.00%
14074	B13, 211-213 Wall Move	\$ 1,746	0	\$ -	0.00%
14082	B15 Calibration Lab II	\$ 1,991	0	\$ -	0.00%
14086	Del Mar Race Track	\$ 3,100	0	\$ -	0.00%
14087	SCE Mountainview Power Pl	\$ 34,661	0	\$ -	0.00%
14089	B2 441 Electrical Work	\$ 952	0	\$ -	0.00%
14093	B-5 PM Coordination Study	\$ 22,073	0	\$ -	0.00%
14096	B26 West Wing Lighting Re	\$ 9,105	0	\$ -	0.00%
14097	Camp Pendleton B-520442	\$ 54,815	0	\$ -	0.00%
14098	B15 SILS Skid Power	\$ 5,502	0	\$ -	0.00%
14100	CP Area 11 B-1164	\$ 69,250	0	\$ -	0.00%
14104	B86 1005&1006 Exhaust Fan	\$ 7,472	0	\$ -	0.00%
14107	B18 Emergency Light Rep	\$ 8,465	0	\$ -	0.00%
14108	B2 1068 Warning Beacons	\$ 350	0	\$ -	0.00%
14116	Marriott Add New Prk Pole	\$ 7,550	0	\$ -	0.00%
14122	B2-629 Astute Electrical	\$ 150	0	\$ -	0.00%
14127	PEC STG Deluge System	\$ 651	0	\$ -	0.00%
14129	B15 139D Data & Outlets	\$ 3,137	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14131	PEC Relocate Sample Panel	\$ 60,143	0	\$ -	0.00%
14132	Coventry Health VFD's Ins	\$ 3,520	0	\$ -	0.00%
14133	Coventry Health Feeder	\$ 2,060	0	\$ -	0.00%
14135	Anaheim Marriott Hotel	\$ 6,200	0	\$ -	0.00%
14136	Sycuan Casino -2nd Floor	\$ 3,800	0	\$ -	0.00%
14137	Leichtag 172/173 Install	\$ 3,706	0	\$ -	0.00%
14140	Heat Trace Install MS-418	\$ 5,724	0	\$ -	0.00%
14141	B23 RAMPT's Power	\$ 6,053	0	\$ -	0.00%
14142	B78A Roof Top Split Unit	\$ 2,662	0	\$ -	0.00%
14143	GA B36 Oven Outlets	\$ 1,578	0	\$ -	0.00%
14144	MEF Conduit Repair	\$ 449	0	\$ -	0.00%
14147	Connection To Mech Units	\$ 1,700	0	\$ -	0.00%
14149	Northrop Grumman AC Units	\$ 4,718	0	\$ -	0.00%
14153	EBU-1 Rm 7313 Deans Off	\$ 4,172	0	\$ -	0.00%
14155	B2 377 Electrical Demo	\$ 703	0	\$ -	0.00%
14158	B33 Install Vertical Tube	\$ 3,847	0	\$ -	0.00%
14160	Calvert Mountain View	\$ 10,990	0	\$ -	0.00%
14164	CUY Welding Receptacle	\$ 2,108	0	\$ -	0.00%
14165	B1 Hazmat Power	\$ 12,585	0	\$ -	0.00%
14168	Freeberg T-130 MPU	\$ 42,170	0	\$ -	0.00%
14169	B15 Digital Signage	\$ 3,335	0	\$ -	0.00%
14172	B-14 Gantry Crane	\$ 5,152	0	\$ -	0.00%
14173	SM HS Fire Alarm Install	\$ 10,000	0	\$ -	0.00%
14177	MEF Welding Rec 10-22	\$ 1,129	0	\$ -	0.00%
14178	Washington ES Fire Alarm	\$ 5,525	0	\$ -	0.00%
14180	PEC Bridge Crane Feeder	\$ 9,019	0	\$ -	0.00%
14181	Fredericka Standby	\$ 5,100	0	\$ -	0.00%
14183	B34 ECH Vault Conduit Mov	\$ 1,441	0	\$ -	0.00%
14185	Lake Hodges 69KV	\$ 10,537	0	\$ -	0.00%
14187	Orange Grove Tank Heaters	\$ 4,040	0	\$ -	0.00%
14189	B18 Lighting Revisions	\$ 575	0	\$ -	0.00%
14192	Heinz Prod Area Lighting	\$ 3,550	0	\$ -	0.00%
14193	Vallecitos Water Distr.	\$ 21,385	0	\$ -	0.00%
14198	B85 Lab Power New Bld Out	\$ 6,150	0	\$ -	0.00%
14199	B-78A Power to A/C	\$ 1,166	0	\$ -	0.00%
14203	GA B-2 412-420	\$ 1,968	0	\$ -	0.00%
14204	CP Kelco Redundant	\$ 10,779	0	\$ -	0.00%
14206	GA B36 SCOW Skid Plate	\$ 6,102	0	\$ -	0.00%
14211	B78 PM and Studies	\$ 45,495	0	\$ -	0.00%
14212	GA B15 206 BCD	\$ 17,343	0	\$ -	0.00%
14213	B24 Butler Bldg. Outlets	\$ 1,389	0	\$ -	0.00%
14218	B2 GulfTronics Lab	\$ 1,350	0	\$ -	0.00%
14219	B1 Hazmat Retrofit Lighti	\$ 17,587	0	\$ -	0.00%
14221	B26 1st Floor West Wing	\$ 6,322	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14222	Cuyacama Antenna	\$ 3,489	0	\$ -	0.00%
14226	PM @ Grand Ave. Financial	\$ 1,889	0	\$ -	0.00%
14236	Conduit for Pwr Monitorng	\$ 5,890	0	\$ -	0.00%
14239	B15 Servo Degreaser	\$ 2,968	0	\$ -	0.00%
14241	B2 Gulftronics Lab Wiremo	\$ 312	0	\$ -	0.00%
14244	Inst Upgrd Product Lights	\$ 54,800	0	\$ -	0.00%
14250	Heinz-Install Attic & MRO	\$ 12,832	0	\$ -	0.00%
14257	Deli-Mex Stretch	\$ 5,310	0	\$ -	0.00%
14258	B2 Replace Breakers	\$ 110	0	\$ -	0.00%
14260	Freeburg T-60 Rebuild	\$ 10,453	0	\$ -	0.00%
14266	UCSD CSC Bldg C	\$ 8,303	0	\$ -	0.00%
14267	Cuyamaca Lighting Repair	\$ 4,520	0	\$ -	0.00%
14269	B26 1st Floor East Wing	\$ 5,528	0	\$ -	0.00%
14271	B37 Lab Metered Panel	\$ 8,703	0	\$ -	0.00%
14273	UCSD Med Ctr-Infant Meal	\$ 4,882	0	\$ -	0.00%
14279	UCSD Bonner Hall	\$ 4,189	0	\$ -	0.00%
14280	Miramar AMO Training Rm.	\$ 866	0	\$ -	0.00%
14283	B15 Data Center Pwr Distr	\$ 5,236	0	\$ -	0.00%
14285	B15 Servo Degreaser 60A	\$ 7,232	0	\$ -	0.00%
14286	B15 Servo Drops	\$ 6,817	0	\$ -	0.00%
14290	B24 Gate Power	\$ 8,769	0	\$ -	0.00%
14295	B37 Hot Press Power	\$ 3,666	0	\$ -	0.00%
14297	B37 XCT Power	\$ 5,194	0	\$ -	0.00%
14298	Palomar Bldg T Service Wk	\$ 2,800	0	\$ -	0.00%
14302	Emerson-PEC Combustion	\$ 62,083	0	\$ -	0.00%
14304	PEC Admin UPS Mod	\$ 26,033	0	\$ -	0.00%
14306	PEC LCI Rebuild	\$ 6,024	0	\$ -	0.00%
14307	GA B2 204 Outlets	\$ 1,407	0	\$ -	0.00%
14314	SD Blood Bank Secur Upgrd	\$ 2,850	0	\$ -	0.00%
14315	PEC STG Fiber Conduit	\$ 811	0	\$ -	0.00%
14319	Marriott Anaheim Panel Mo	\$ 3,480	0	\$ -	0.00%
14323	PEC 2014 Outage	\$ 283,273	0	\$ -	0.00%
14325	B86 Modular Buildings	\$ 83,438	0	\$ -	0.00%
14326	B33-1 New Panel	\$ 5,893	0	\$ -	0.00%
14329	B34 Undrfloor Power	\$ 895	0	\$ -	0.00%
14331	B15 Starline Tap Box	\$ 2,018	0	\$ -	0.00%
14333	B34 Instrumentation Boost	\$ 797	0	\$ -	0.00%
14335	CP B-520422 Install	\$ 59,800	0	\$ -	0.00%
14339	OG Energy Data & Power	\$ 3,810	0	\$ -	0.00%
14341	B85 112 Emer 208V Circuit	\$ 2,816	0	\$ -	0.00%
14343	B34 Rep Boost Pump Breakr	\$ 1,950	0	\$ -	0.00%
14349	B34 ECH He Compressor	\$ 3,334	0	\$ -	0.00%
14356	B-85 154 Refrigtn Outets	\$ 2,105	0	\$ -	0.00%
14360	Solar Turbine -Mars 90	\$ 6,888	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14364	B13 215 Conference Rm.	\$ 545	0	\$ -	0.00%
14366	Freeburg T-60 3K521	\$ 18,811	0	\$ -	0.00%
14368	B18 Reloc Outlet & Light	\$ 1,316	0	\$ -	0.00%
14375	Hamilton ES Low Voltage	\$ 46,080	0	\$ -	0.00%
14380	B1 Program Chiller VFD Up	\$ 5,034	0	\$ -	0.00%
14381	Solar Turbines Demo	\$ 3,405	0	\$ -	0.00%
14383	B-9 025 Equipment Power	\$ 1,418	0	\$ -	0.00%
14387	CPTC Varian Lightng Inst	\$ 4,315	0	\$ -	0.00%
14388	District Site Lighting &	\$ 1,508,016	0	\$ -	0.00%
14393	DJO Orthotics	\$ 17,000	0	\$ -	0.00%
14395	Climatc Campus Pt CT Upgr	\$ 9,300	0	\$ -	0.00%
14397	Climatec10210 Campus Pt	\$ 10,800	0	\$ -	0.00%
14399	B14 Intellis UPS Outlet	\$ 2,154	0	\$ -	0.00%
14401	PEC Mechanical Improvment	\$ 5,517	0	\$ -	0.00%
14404	B85 160 Flammable Cab Grd	\$ 979	0	\$ -	0.00%
14409	UCSD Torrey Pines North	\$ 6,500	0	\$ -	0.00%
14410	Long Beach Arena	\$ 57,900	0	\$ -	0.00%
14412	GEICO Install Conduit/Wir	\$ 29,900	0	\$ -	0.00%
14413	B34 UPS 30 AMP Outlet	\$ 485	0	\$ -	0.00%
14425	B-4 PM AT GEAR	\$ 5,363	0	\$ -	0.00%
14429	Genesis Distribution Work	\$ 47,097	0	\$ -	0.00%
14431	B34 Pwr Wiring ECH Chillr	\$ 7,828	0	\$ -	0.00%
14440	UCSD-VCAA Conferen Rm 104	\$ 7,800	0	\$ -	0.00%
14442	SD Safari Pk Emerg Electr	\$ 335	0	\$ -	0.00%
14443	32nd St NB Classroom Elec	\$ 3,250	0	\$ -	0.00%
14448	MEF T3 Thermocouple Cable	\$ 723	0	\$ -	0.00%
14449	B-14 Digital Signage	\$ 2,387	0	\$ -	0.00%
14454	Stein Hall Centrifuge	\$ 1,064	0	\$ -	0.00%
14456	Manulife Chiller/Plant Up	\$ 9,925	0	\$ -	0.00%
14457	B87 Repetitive Fire Pulse	\$ 20,026	0	\$ -	0.00%
14463	Precipitation Lighting	\$ 8,426	0	\$ -	0.00%
14465	Space Micro RF LAB TI	\$ 2,320	0	\$ -	0.00%
14467	Freeburg T-60 US Wells #3	\$ 17,441	0	\$ -	0.00%
14469	B14 Fab Shop Assembl Area	\$ 6,464	0	\$ -	0.00%
14474	Jacobs Center	\$ 4,500	0	\$ -	0.00%
14477	B2 Equip Move 617 to 609	\$ 1,215	0	\$ -	0.00%
14482	B2 Elect mods 413,415,417	\$ 1,253	0	\$ -	0.00%
14484	CSUSB PE Hot Water Sys Up	\$ 15,865	0	\$ -	0.00%
14486	B-85 Generator Outlets	\$ 7,391	0	\$ -	0.00%
14490	B-9 327 Mixer Outlet	\$ 441	0	\$ -	0.00%
14494	Calpine ReInstall Bussing	\$ 76,295	0	\$ -	0.00%
14496	MUSD Schurr High School	\$ 18,740	0	\$ -	0.00%
14500	B-24 Elec Wk Vacuum Furna	\$ 25,830	0	\$ -	0.00%
14510	B-2 609 Add Circuit	\$ 397	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14517	PEC STG 2014	\$ 53,432	0	\$ -	0.00%
14519	Stein Lab 317 Wiremold	\$ 774	0	\$ -	0.00%
14520	Disconnect Switches	\$ 11,271	0	\$ -	0.00%
14523	Eaton North Palms Springs	\$ 38,146	0	\$ -	0.00%
14525	B9 New Air Dryer	\$ 687	0	\$ -	0.00%
14528	30-E1 Chiller Replacement	\$ 16,800	0	\$ -	0.00%
14530	RB HS Fan Coil Replacemn	\$ 137,000	0	\$ -	0.00%
14532	Varian Medical Bus	\$ 6,000	0	\$ -	0.00%
14534	B88 Install Elec Connect	\$ 2,669	0	\$ -	0.00%
14536	Safari Pk Stand-By MV Ser	\$ 2,294	0	\$ -	0.00%
14541	B33 Hyd Pumps	\$ 641	0	\$ -	0.00%
14550	Solar Panel Conversion	\$ 3,980	0	\$ -	0.00%
14552	Load Monitoring	\$ 750	0	\$ -	0.00%
14556	Hotel Chiller-480V Power	\$ 64,440	0	\$ -	0.00%
14564	La Costa Glen 2 Day Load	\$ 2,100	0	\$ -	0.00%
14566	UCSD EBU Computer Rack	\$ 3,995	0	\$ -	0.00%
14571	B33 006 Lab Modification	\$ 14,698	0	\$ -	0.00%
14572	Mill Room Slide Gates	\$ 8,145	0	\$ -	0.00%
14573	Boeing Huntington Beach	\$ 2,860	0	\$ -	0.00%
14575	B2-421 Misc Electric Serv	\$ 527	0	\$ -	0.00%
14577	Install VFD's 2B & 2C Fan	\$ 8,280	0	\$ -	0.00%
14579	B2-129 Misc Electrical Sr	\$ 1,510	0	\$ -	0.00%
14581	KP Riverside Elect Panel	\$ 3,040	0	\$ -	0.00%
14584	KP Sand Canyon-City Water	\$ 8,517	0	\$ -	0.00%
14587	B2 Room 1049 480V Drop	\$ 2,784	0	\$ -	0.00%
14594	Snowline USD LED Gym Ret	\$ 89,150	0	\$ -	0.00%
14596	KP Riverside Repair Short	\$ 1,140	0	\$ -	0.00%
14599	LACD-ISD Challenger YC	\$ 7,684	0	\$ -	0.00%
14601	UCSD SSRB St 213-219	\$ 12,725	0	\$ -	0.00%
14609	B2 Building Lab Demo	\$ 459	0	\$ -	0.00%
14611	B36 Marwin Valve Install	\$ 991	0	\$ -	0.00%
14617	Birch Aquarium	\$ 8,413	0	\$ -	0.00%
14620	B4 Coord & Arc Flash Stud	\$ 17,321	0	\$ -	0.00%
14622	Install Conduit D-12/L	\$ 2,636	0	\$ -	0.00%
14627	CP Kelco Perlite	\$ 3,506	0	\$ -	0.00%
14629	La Costa Glen Load Monit	\$ 2,100	0	\$ -	0.00%
14632	Advance Mgmt 200 AMP	\$ 16,750	0	\$ -	0.00%
14635	UCSD, EBU 1 Rm. 2800 POD	\$ 1,667	0	\$ -	0.00%
14636	KP Riv Panel Labeling/Rep	\$ 4,960	0	\$ -	0.00%
14640	B22 Clean Room Equip. Pwr	\$ 1,834	0	\$ -	0.00%
14641	Provide Power for Bender	\$ 2,168	0	\$ -	0.00%
14645	Trailer Inspections	\$ 848	0	\$ -	0.00%
14647	RFQ - HP	\$ 5,100	0	\$ -	0.00%
14648	B30-108 100A Power Cirt	\$ 4,614	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14653	KP Riv Light Pole Repair	\$ 2,000	0	\$ -	0.00%
14658	Chaparral HS	\$ 779	0	\$ -	0.00%
14660	B-41 Horn Strobe Units	\$ 6,973	0	\$ -	0.00%
14662	CP Kelco Cuno Filter Move	\$ 8,241	0	\$ -	0.00%
14664	B2-204 230V Outlet	\$ 1,314	0	\$ -	0.00%
14667	Freeberg (T60)	\$ 18,811	0	\$ -	0.00%
14668	Santiago Canyon College	\$ 2,131	0	\$ -	0.00%
14669	Montgomery MS Rm207/208	\$ 26,500	0	\$ -	0.00%
14670	Freeberg (T60)	\$ 18,811	0	\$ -	0.00%
14675	New Cable to FCV-265	\$ 3,561	0	\$ -	0.00%
14676	B86 High Power Lab Cont.	\$ 8,329	0	\$ -	0.00%
14677	B9 Clean Room	\$ 884	0	\$ -	0.00%
14678	Freeberg (T60)	\$ 16,378	0	\$ -	0.00%
14680	PPE Power & Data Conduit	\$ 3,287	0	\$ -	0.00%
14682	UCSD H&SS	\$ 7,056	0	\$ -	0.00%
14683	B2-503 30A L060 Outlets	\$ 2,115	0	\$ -	0.00%
14686	KP Riv August Elect Panel	\$ 4,660	0	\$ -	0.00%
14693	Oxygen Level Sensor	\$ 6,565	0	\$ -	0.00%
14697	B2 HV TEST RACK	\$ 13,919	0	\$ -	0.00%
14699	Delimex Attic Receptacles	\$ 1,595	0	\$ -	0.00%
14702	Scripps Ranch HS HVAC	\$ 2,309	0	\$ -	0.00%
14704	GA Bldg. 87	\$ 24,554	0	\$ -	0.00%
14705	MEF 2014 Outage	\$ 18,516	0	\$ -	0.00%
14709	SCE Rosemead	\$ 4,840	0	\$ -	0.00%
14713	MEF Emerson	\$ 135,529	0	\$ -	0.00%
14720	B87 Test Lab Mods	\$ 62,580	0	\$ -	0.00%
14721	MEF Transformer Relocatio	\$ 1,167	0	\$ -	0.00%
14728	Solar Turbines	\$ 212,000	0	\$ -	0.00%
14733	SCE Valley Substation	\$ 56,720	0	\$ -	0.00%
14737	B34 Butler Bldg Lighting	\$ 2,949	0	\$ -	0.00%
14739	B86 Uniflex Crimper	\$ 7,238	0	\$ -	0.00%
14742	Dersch Design	\$ 1,100	0	\$ -	0.00%
14748	B34 Pit Lighting	\$ 2,949	0	\$ -	0.00%
14750	Grocery Outlet	\$ 2,250	0	\$ -	0.00%
14755	Vista Pop Warner	\$ 7,500	0	\$ -	0.00%
14758	Trevet Camp Pendleton	\$ 1,965	0	\$ -	0.00%
14762	B87 U8MV Cable	\$ 25,918	0	\$ -	0.00%
14774	SCE Devers Substation	\$ 27,552	0	\$ -	0.00%
14775	SDG&E Outage Support	\$ 7,803	0	\$ -	0.00%
14779	B14 Projector	\$ 934	0	\$ -	0.00%
14784	B15 Starline Buss	\$ 43,081	0	\$ -	0.00%
14786	Kaiser-October Panel	\$ 2,615	0	\$ -	0.00%
14787	CA. Proton Trtmnt Cntr	\$ 1,500	0	\$ -	0.00%
14790	Kaiser-Room 5404 Demo	\$ 555	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14792	Centerstone Rooftop	\$ 11,300	0	\$ -	0.00%
14795	Kaiser-Room 4704 Convert	\$ 1,030	0	\$ -	0.00%
14799	165 & 167 Techonology	\$ 19,000	0	\$ -	0.00%
14802	John Hancock -FIGUEROA	\$ 24,000	0	\$ -	0.00%
14805	B2 Recabling (12)	\$ 176,903	0	\$ -	0.00%
14808	Larkspur Energy-Megger	\$ 250	0	\$ -	0.00%
14809	Anaheim Marriott Hotel	\$ 9,900	0	\$ -	0.00%
14812	SCE Fullerton Guard Shack	\$ 16,000	0	\$ -	0.00%
14813	B30 Mill Move	\$ 2,810	0	\$ -	0.00%
14814	B2 Outlet Relocation	\$ 1,967	0	\$ -	0.00%
14818	B13 Corridor	\$ 1,865	0	\$ -	0.00%
14822	Cuyamaca Energy Plant	\$ 14,282	0	\$ -	0.00%
14824	Kaiser R'side Nov Pnl Rpr	\$ 2,246	0	\$ -	0.00%
14826	Hesperia USD	\$ 122,900	0	\$ -	0.00%
14832	GA B-86 Office TI	\$ 7,173	0	\$ -	0.00%
14837	Freeberg Outlet	\$ 1,680	0	\$ -	0.00%
14839	Westgate Hotel	\$ 1,656	0	\$ -	0.00%
14840	B37 Gas Delivery	\$ 27,875	0	\$ -	0.00%
14842	HP Zebra	\$ 28,379	0	\$ -	0.00%
14844	Gateway Gardens (FMP)	\$ 950	0	\$ -	0.00%
14845	Orange Grove Energy	\$ 2,660	0	\$ -	0.00%
14849	Solar Turbines IPAC Panel	\$ 8,755	0	\$ -	0.00%
14856	Replace Panels P2A & P2B	\$ 79,050	0	\$ -	0.00%
14857	B-2 R & R Oil Switches	\$ 8,152	0	\$ -	0.00%
14858	B34 Compressor Power	\$ 504	0	\$ -	0.00%
14860	Kaiser-Wildomar	\$ 1,203	0	\$ -	0.00%
14862	B14 1St. Floor So.	\$ 739	0	\$ -	0.00%
14864	B2 517 REconfigure Power	\$ 418	0	\$ -	0.00%
14865	B15 2nd Flr. So.	\$ 4,242	0	\$ -	0.00%
14866	B9 Air Compreson Laser L	\$ 9,650	0	\$ -	0.00%
14867	B5 Roll Up Doors	\$ 500	0	\$ -	0.00%
14868	B2 337 L44 Panel	\$ 3,210	0	\$ -	0.00%
14869	Solar Turbines KM	\$ 10,450	0	\$ -	0.00%
14871	Eaton Qualcomm PM	\$ 21,230	0	\$ -	0.00%
14874	Valley View Casino	\$ 231,593	0	\$ -	0.00%
14875	Load Monitoring	\$ 1,200	0	\$ -	0.00%
14876	Time Warner	\$ 16,387	0	\$ -	0.00%
14877	B14 Exterior Lighting	\$ 17,103	0	\$ -	0.00%
14879	B2 109 Outlet Install	\$ 587	0	\$ -	0.00%
14880	B15 Exterior Lighting	\$ 14,509	0	\$ -	0.00%
14881	B34 Breaker Replacement	\$ 5,604	0	\$ -	0.00%
14885	Kaiser-Corona	\$ 555	0	\$ -	0.00%
14890	Lewis Middle School	\$ 2,905	0	\$ -	0.00%
14892	B2 Astute Medical	\$ 353	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14894	CUY Plant Gas Sensors	\$ 629	0	\$ -	0.00%
14901	HP Nexus Printers	\$ 28,275	0	\$ -	0.00%
14904	T60 Pet Maj #1 Freeberg	\$ 26,708	0	\$ -	0.00%
14905	T-60 Pet Maj #2 Freeberg	\$ 26,312	0	\$ -	0.00%
14906	T-6 US Wells #3 Freeberg	\$ 19,712	0	\$ -	0.00%
14907	T-60 US Wells #4 Freeberg	\$ 17,248	0	\$ -	0.00%
14908	T-60 US Wells #5 Freeberg	\$ 17,468	0	\$ -	0.00%
14909	T-60 US Wells #6 Freeberg	\$ 16,051	0	\$ -	0.00%
14912	T-60 US Wells #9 Freeberg	\$ 21,120	0	\$ -	0.00%
14913	T-60 US Wells #10 Freeber	\$ 21,120	0	\$ -	0.00%
14914	T-60 US Wells #11 Freberg	\$ 19,536	0	\$ -	0.00%
14915	Mobile Trailer	\$ 3,168	0	\$ -	0.00%
14921	Safari Park R & R	\$ 31,941	0	\$ -	0.00%
14925	B34 UVC 5 & 6	\$ 34,775	0	\$ -	0.00%
14927	B85 Lyophilizer	\$ 3,165	0	\$ -	0.00%
14933	PEC Warehouse Outlets	\$ 2,229	0	\$ -	0.00%
14938	VA Loma Linda Healthcare	\$ 6,155	0	\$ -	0.00%
14940	B30 100amp Circuit	\$ 5,421	0	\$ -	0.00%
14942	B34.2 Change Outlet	\$ 349	0	\$ -	0.00%
14944	B35 100amp Power Supply	\$ 9,665	0	\$ -	0.00%
14961	B24- 800AMP Meter Install	\$ 32,343	0	\$ -	0.00%
14963	Manheim Riverside	\$ 24,928	0	\$ -	0.00%
14964	Grossmont CC Exterior Lig	\$ 5,450	0	\$ -	0.00%
14965	B2 Relocate Existing	\$ 324	0	\$ -	0.00%
14966	Replace 12 Parking Lot	\$ 2,480	0	\$ -	0.00%
14968	B34 Electrolyte Pump	\$ 3,935	0	\$ -	0.00%
14973	B34- Remove and Replace	\$ 641	0	\$ -	0.00%
14974	Ruth Temple Medical Cntr.	\$ 3,200	0	\$ -	0.00%
14976	Ufuria Dog Care Center	\$ 646	0	\$ -	0.00%
14977	MEF Ammonia Lighting	\$ 12,467	0	\$ -	0.00%
14979	GreyGate Manheim UPS	\$ 20,631	0	\$ -	0.00%
14980	MEF NOX Water Lighting	\$ 5,523	0	\$ -	0.00%
14982	Time Warner DC BUSS	\$ 4,018	0	\$ -	0.00%
14983	MEF GFI Outlet Install	\$ 3,733	0	\$ -	0.00%
14985	LocoMotive Panel	\$ 19,822	0	\$ -	0.00%
14987	PEC Dehumidifier	\$ 53,099	0	\$ -	0.00%
14989	PEC Conduit Install	\$ 118,896	0	\$ -	0.00%
14991	JOC EBU- 3A	\$ 46,479	0	\$ -	0.00%
14993	MEF 2015 Outage	\$ 9,706	0	\$ -	0.00%
14994	B34 Gen Set	\$ 9,830	0	\$ -	0.00%
14995	Time Warner AC/DC	\$ 18,760	0	\$ -	0.00%
14996	B36 Skip Pump Work	\$ 235	0	\$ -	0.00%
15000	PEC 2015 Outage	\$ 190,129	0	\$ -	0.00%
15003	BTU Meters	\$ 1,723	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15005	Manheim-Riverside	\$ 6,016	0	\$ -	0.00%
15007	Safari Park Re-Build	\$ 5,960	0	\$ -	0.00%
15009	Kaiser Riverside	\$ 13,229	0	\$ -	0.00%
15013	B34 Thompson Room Outlet	\$ 289	0	\$ -	0.00%
15015	B34 Lower Pit Outlet	\$ 1,688	0	\$ -	0.00%
15017	HP Cerritos TI	\$ 54,739	0	\$ -	0.00%
15019	Kaiser Shutdown	\$ 5,505	0	\$ -	0.00%
15021	Sun Edison Prison	\$ 3,898	0	\$ -	0.00%
15023	B14 Move Lights	\$ 948	0	\$ -	0.00%
15025	Terminal Island	\$ 72,000	0	\$ -	0.00%
15030	B34 Relocate Conduit	\$ 1,226	0	\$ -	0.00%
15036	SF6 Gas Switch Maintenanc	\$ 12,149	0	\$ -	0.00%
15039	Westgate Terrace	\$ 5,101	0	\$ -	0.00%
15040	B85 Electrical Work	\$ 16,181	0	\$ -	0.00%
15041	John Hancock-MICHELSON	\$ 40,800	0	\$ -	0.00%
15042	B34 Trans Rex Bench Power	\$ 1,011	0	\$ -	0.00%
15043	B34 Annual PM	\$ 62,017	0	\$ -	0.00%
15044	B34 PS4 Shunt Trip Breakr	\$ 399	0	\$ -	0.00%
15045	B13 & 14 MV Cable Rplcmnt	\$ 48,345	0	\$ -	0.00%
15046	SCD EV Charging Station	\$ 9,900	0	\$ -	0.00%
15048	B34, DTAQ & PLC Drops	\$ 29,962	0	\$ -	0.00%
15049	B2-639 Mezzanine Power	\$ 956	0	\$ -	0.00%
15053	PEC Air Operated	\$ 12,821	0	\$ -	0.00%
15060	Buhler Mill Demo	\$ 6,439	0	\$ -	0.00%
15063	GA B34 Insulators	\$ 21,720	0	\$ -	0.00%
15065	HP Cioppino Removal	\$ 5,487	0	\$ -	0.00%
15068	HP B64 TV Monitor	\$ 1,405	0	\$ -	0.00%
15075	HP Transfer Pump	\$ 3,432	0	\$ -	0.00%
15077	GA B85 Adding Outlets	\$ 379	0	\$ -	0.00%
15079	HP E PHONES 61U-61AU	\$ 3,641	0	\$ -	0.00%
15080	HP Illuminator	\$ 5,142	0	\$ -	0.00%
15081	HP Galil Breadboard	\$ 5,962	0	\$ -	0.00%
15082	Barona CH-3 AFD Replacmnt	\$ 7,538	0	\$ -	0.00%
15083	B60L Beut2	\$ 950	0	\$ -	0.00%
15085	GA B2 109 Hood	\$ 886	0	\$ -	0.00%
15087	PEC Acoustic Sensor	\$ 15,856	0	\$ -	0.00%
15088	HP Exit Signs	\$ 1,687	0	\$ -	0.00%
15089	HP Game Room	\$ 1,045	0	\$ -	0.00%
15091	B2- 129 Misc. Electrical	\$ 113	0	\$ -	0.00%
15093	Ionizer	\$ 709	0	\$ -	0.00%
15095	Sherman P2 COR 2	\$ 3,813	0	\$ -	0.00%
15097	T-130 MPU	\$ 31,328	0	\$ -	0.00%
15099	Monitor B65	\$ 3,847	0	\$ -	0.00%
15101	PEC Puffer #2 Demo	\$ 3,505	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15103	San Pasqual HS	\$ 7,050	0	\$ -	0.00%
15105	PEC Pressure	\$ 6,324	0	\$ -	0.00%
15109	B86 Metalizer	\$ 12,487	0	\$ -	0.00%
15111	B2- 202 Install Hood	\$ 241	0	\$ -	0.00%
15113	Huhtamaki Inc.	\$ 27,848	0	\$ -	0.00%
15115	B34 VPI Power Relocation	\$ 20,950	0	\$ -	0.00%
15116	Pacific Rim Misc. Project	\$ 2,263	0	\$ -	0.00%
15120	Cucamonga Water	\$ 5,669	0	\$ -	0.00%
15122	Walker Elementary School	\$ 7,913	0	\$ -	0.00%
15124	HP B61 Compressor Demo	\$ 2,685	0	\$ -	0.00%
15126	Sepulveda ES	\$ 26,217	0	\$ -	0.00%
15128	Kaiser Wildomar MOB	\$ 555	0	\$ -	0.00%
15129	B2-433 Trouble Shoot Moto	\$ 1,160	0	\$ -	0.00%
15131	PEC Fab Shop Power Repair	\$ 2,825	0	\$ -	0.00%
15134	East LA College	\$ 16,800	0	\$ -	0.00%
15136	IHPS Shuffle-JM02	\$ 5,266	0	\$ -	0.00%
15138	UCSD-EBU-2	\$ 824	0	\$ -	0.00%
15139	B2-609 Misc. Electrical	\$ 491	0	\$ -	0.00%
15141	B87 Test Set-Up	\$ 9,861	0	\$ -	0.00%
15143	UCSD Urey Hall	\$ 760	0	\$ -	0.00%
15147	Cummins ATS Generator Svc	\$ 1,260	0	\$ -	0.00%
15149	Ganko	\$ 42,515	0	\$ -	0.00%
15154	B-34 285 Vacuum System	\$ 1,460	0	\$ -	0.00%
15156	B34 Cable Tray	\$ 3,825	0	\$ -	0.00%
15158	Sherman Street	\$ 46,117	0	\$ -	0.00%
15161	SPS Quanta	\$ 1,582	0	\$ -	0.00%
15166	B34 011 Lithium Beam Lab	\$ 5,724	0	\$ -	0.00%
15168	B61B Fire Stop HP	\$ 405	0	\$ -	0.00%
15169	B2-435 Misc Electrical	\$ 553	0	\$ -	0.00%
15172	Manheim Auto Auction	\$ 21,947	0	\$ -	0.00%
15174	B2-623-80 Freezer	\$ 265	0	\$ -	0.00%
15176	HP Exit Sign Upgrade	\$ 422	0	\$ -	0.00%
15180	GA B34 Power Supplies	\$ 4,890	0	\$ -	0.00%
15186	HP Dryer Exhaust Fan	\$ 494	0	\$ -	0.00%
15188	Ballif Residence	\$ 21,400	0	\$ -	0.00%
15190	CP Kelco June Outage	\$ 4,760	0	\$ -	0.00%
15191	B34 TIP Highbay Area	\$ 2,283	0	\$ -	0.00%
15194	B9-322 Lathe Disconnect	\$ 2,148	0	\$ -	0.00%
15196	CP Cogen Generator	\$ 8,031	0	\$ -	0.00%
15197	B85 Misc. Electrical	\$ 2,400	0	\$ -	0.00%
15203	CP IR Inspection Windows	\$ 12,575	0	\$ -	0.00%
15204	B37 Add Neutral to Panel	\$ 2,111	0	\$ -	0.00%
15209	B37 Security Gate	\$ 1,959	0	\$ -	0.00%
15212	Village Lindo Paseo	\$ 6,336	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15215	HP Buck and Boost	\$ 3,762	0	\$ -	0.00%
15217	Kaiser LAMC	\$ 5,600	0	\$ -	0.00%
15219	B61AL Zebra 120v-30a Outl	\$ 1,727	0	\$ -	0.00%
15220	West Valley HS	\$ 2,433	0	\$ -	0.00%
15221	B86 HB30A Amp Disconnects	\$ 9,099	0	\$ -	0.00%
15222	B2 Astute Medical	\$ 301	0	\$ -	0.00%
15223	HP 4000 Wiremold	\$ 1,916	0	\$ -	0.00%
15224	Altamira Relocation B61AL	\$ 5,153	0	\$ -	0.00%
15225	HP ISS Quanta Demo	\$ 1,271	0	\$ -	0.00%
15226	Merlin Lab	\$ 2,441	0	\$ -	0.00%
15228	B14 Block 50	\$ 13,178	0	\$ -	0.00%
15232	Astute Med B2-605	\$ 78	0	\$ -	0.00%
15233	HP PACRIM WORK 2015	\$ 12,726	0	\$ -	0.00%
15235	Kaiser Riverside	\$ 3,150	0	\$ -	0.00%
15237	Analytical Lab	\$ 3,466	0	\$ -	0.00%
15239	Liberty ElementarySchool	\$ 24,485	0	\$ -	0.00%
15242	ISS- Coffee Receptacles	\$ 1,383	0	\$ -	0.00%
15244	IDF 41 Power Upgrades	\$ 3,473	0	\$ -	0.00%
15246	Intellis 14-292 Lab	\$ 17,881	0	\$ -	0.00%
15248	400A Disconnect	\$ 6,050	0	\$ -	0.00%
15251	UCSD EBU 3-B Ethernet	\$ 798	0	\$ -	0.00%
15254	MP114 Inline Primer	\$ 29,542	0	\$ -	0.00%
15255	B86 1002 Welding Outlet	\$ 2,810	0	\$ -	0.00%
15259	B86 HB30A AMP Power	\$ 2,782	0	\$ -	0.00%
15262	St. Elizabeth Church	\$ 8,000	0	\$ -	0.00%
15264	B61, AU Chem Lab 3	\$ 2,950	0	\$ -	0.00%
15266	SIO Portable Trailer	\$ 7,980	0	\$ -	0.00%
15268	B65 E Phones	\$ 1,262	0	\$ -	0.00%
15269	UCSD EBU 2 RM 179 PWR MOD	\$ 824	0	\$ -	0.00%
15271	Ruffin Rd. Comm. Bldg.	\$ 1,500	0	\$ -	0.00%
15273	B86 Shaker Table Upgrade	\$ 9,559	0	\$ -	0.00%
15274	MEF Batteries	\$ 1,257	0	\$ -	0.00%
15276	UPS- LA Office	\$ 1,734	0	\$ -	0.00%
15281	HP Power Logic	\$ 26,037	0	\$ -	0.00%
15282	Square Peg	\$ 5,990	0	\$ -	0.00%
15292	B85 162 Power Drops	\$ 4,836	0	\$ -	0.00%
15294	HP IDF 21 Power	\$ 1,076	0	\$ -	0.00%
15298	Kaiser Riverside	\$ 800	0	\$ -	0.00%
15300	HP- CCSI Work for 2015	\$ 22,062	0	\$ -	0.00%
15305	Jacob Center	\$ 8,811	0	\$ -	0.00%
15307	Kaiser Circuit Tracing	\$ 7,620	0	\$ -	0.00%
15309	HP SPS Tech Area	\$ 2,113	0	\$ -	0.00%
15310	Astute Tracing Circuits	\$ 111	0	\$ -	0.00%
15311	HP Direct Work 2015	\$ 7,920	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15314	Amtrack Fire Pump	\$ 54,600	0	\$ -	0.00%
15318	B34 30amp Outlet	\$ 481	0	\$ -	0.00%
15321	MUSD Schurr HS VFD Relo	\$ 3,850	0	\$ -	0.00%
15322	JOC UCSD DSD West Panel	\$ 100,043	0	\$ -	0.00%
15325	B14 237,238,232 Misc Elec	\$ 3,064	0	\$ -	0.00%
15326	Hunter Ind Chiller CT's	\$ 2,384	0	\$ -	0.00%
15328	B88 136E 30 amp	\$ 2,674	0	\$ -	0.00%
15330	Torrey Pines Campus 12KV	\$ 668,665	0	\$ -	0.00%
15331	John Hancock - 515 FIG	\$ 23,500	0	\$ -	0.00%
15332	East LA College	\$ 19,880	0	\$ -	0.00%
15334	Solar Turbines	\$ 2,177	0	\$ -	0.00%
15339	Lot 556, Bldg. 1 TI	\$ 35,840	0	\$ -	0.00%
15341	Verizon Bldg. A	\$ 3,500	0	\$ -	0.00%
15343	B34 Fan Outlets in Pit	\$ 5,935	0	\$ -	0.00%
15346	Balboa Hospital	\$ 10,009	0	\$ -	0.00%
15347	B14 Cubicle Power	\$ 5,924	0	\$ -	0.00%
15350	B34.2 New Sub Panel	\$ 2,340	0	\$ -	0.00%
15356	B2-120 Misc. Elect. Work	\$ 239	0	\$ -	0.00%
15358	HP-ISS Work 2015	\$ 24,420	0	\$ -	0.00%
15360	B2-420 Add 208 Receptacles	\$ 693	0	\$ -	0.00%
15363	B14-291 Repair A/C Repair	\$ 1,421	0	\$ -	0.00%
15365	ALVORD HVAC USD	\$ 4,672	0	\$ -	0.00%
15367	Oxnard School District	\$ 7,547	0	\$ -	0.00%
15369	B85 Modify Electrical	\$ 1,929	0	\$ -	0.00%
15377	2015 Valley View Casino	\$ 358,176	0	\$ -	0.00%
15379	John Hancock - Wilshire	\$ 18,300	0	\$ -	0.00%
15381	BMO Kaiser Radiology	\$ 45,683	0	\$ -	0.00%
15383	200A Disconnects	\$ 7,950	0	\$ -	0.00%
15385	CP Kelco P1 P6	\$ 31,046	0	\$ -	0.00%
15387	400A Disconnetcs	\$ 9,950	0	\$ -	0.00%
15389	Port of San Diego	\$ 182,730	0	\$ -	0.00%
15393	Lemon Grove SD	\$ 1,278	0	\$ -	0.00%
15394	B2 Misc. Electrical	\$ 252	0	\$ -	0.00%
15396	B2 355 Crane Disconnect	\$ 366	0	\$ -	0.00%
15401	T-130 STOCK Freeberg	\$ 24,436	0	\$ -	0.00%
15403	B34 MV Cable Replacement	\$ 39,562	0	\$ -	0.00%
15407	Oakbrook AC-3	\$ 2,350	0	\$ -	0.00%
15409	B2- 359 Welding Receptacl	\$ 2,409	0	\$ -	0.00%
15413	B2- 359 Hood 13 Install	\$ 309	0	\$ -	0.00%
15415	B2-564 Power	\$ 2,261	0	\$ -	0.00%
15416	B2-564 Hood Install	\$ 407	0	\$ -	0.00%
15417	Solar Turbines	\$ 94,835	0	\$ -	0.00%
15419	ACS-ECC Switch Gear PM	\$ 8,000	0	\$ -	0.00%
15420	Solar Turbines	\$ 64,505	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15421	MED Station Batteries	\$ 1,257	0	\$ -	0.00%
15425	Solar Turbines	\$ 41,450	0	\$ -	0.00%
15426	B34 Cryo Control Room AC	\$ 2,108	0	\$ -	0.00%
15428	Solar Turbines KM07	\$ 7,580	0	\$ -	0.00%
15429	12220 Scripps Summit	\$ 2,625	0	\$ -	0.00%
15430	Solar Turbines	\$ 40,950	0	\$ -	0.00%
15434	B86 Mis. T&M Electrical	\$ 152	0	\$ -	0.00%
15436	Solar Turbines	\$ 18,015	0	\$ -	0.00%
15438	PEC Water Wash 09/2015	\$ 17,172	0	\$ -	0.00%
15440	Solar Turbines	\$ 18,215	0	\$ -	0.00%
15444	B33 Cooling Tower	\$ 2,646	0	\$ -	0.00%
15453	Jacobs Center	\$ 819	0	\$ -	0.00%
15458	UCSD EBU 3B	\$ 925	0	\$ -	0.00%
15464	B34 Electronics Lab	\$ 3,541	0	\$ -	0.00%
15466	UCSD SIO Portable Trailer	\$ 4,950	0	\$ -	0.00%
15469	UCSD Health System	\$ 2,685	0	\$ -	0.00%
15479	OC Justice Center MV PM	\$ 13,310	0	\$ -	0.00%
15481	HP-Monrovia Breaker	\$ 6,345	0	\$ -	0.00%
15482	Elevator Disconnect	\$ 3,520	0	\$ -	0.00%
15484	JOC DSD West	\$ 5,635	0	\$ -	0.00%
15485	CP Kelco VFD Repair	\$ 1,001	0	\$ -	0.00%
15490	Intelsat 1600 Forbes Way	\$ 2,950	0	\$ -	0.00%
15499	Alvord USD HVAC	\$ 2,800	0	\$ -	0.00%
15501	HCP 10355 SCD Silicone	\$ 60,500	0	\$ -	0.00%
15502	Camp Pendleton Construct	\$ 5,620	0	\$ -	0.00%
15504	Camp Pendleton	\$ 6,880	0	\$ -	0.00%
15505	Pershing MS Conduit	\$ 4,071	0	\$ -	0.00%
15506	B5 100A & 400A Oven Power	\$ 16,962	0	\$ -	0.00%
15511	South High School	\$ 42,675	0	\$ -	0.00%
15513	GenomeDx addtl outlets	\$ 1,100	0	\$ -	0.00%
15514	B2 SMD Misc Electrical	\$ 1,916	0	\$ -	0.00%
15517	B2 Misc Electrical	\$ 350	0	\$ -	0.00%
15519	B14 Relocate Server	\$ 508	0	\$ -	0.00%
15521	ST R&R Panel 1 & FDR	\$ 24,402	0	\$ -	0.00%
15529	CVS - Aaron Brothers Roof	\$ 14,600	0	\$ -	0.00%
15531	EBU-1, 7th Floor Confer.	\$ 1,710	0	\$ -	0.00%
15532	JOC UCSD Giesel Library	\$ 44,904	0	\$ -	0.00%
15534	T-400 Install	\$ 65,482	0	\$ -	0.00%
15536	B30 127 Sub Panel	\$ 3,822	0	\$ -	0.00%
15544	Grossmont College	\$ 6,220	0	\$ -	0.00%
15546	B30 127 Outlets	\$ 2,568	0	\$ -	0.00%
15553	B34 TR16 & TR17 Power	\$ 1,800	0	\$ -	0.00%
15554	Palisades Charter HS	\$ 2,719	0	\$ -	0.00%
15556	TP Campus Camera Conduit	\$ 17,881	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15559	CCC Bollard Repair	\$ 4,800	0	\$ -	0.00%
15561	Hacienda La Puente Unifie	\$ 13,000	0	\$ -	0.00%
15563	B14 Misc Electrical	\$ 672	0	\$ -	0.00%
15564	Frazee Paint VFD	\$ 13,400	0	\$ -	0.00%
15566	CUY 2015 Outage	\$ 14,538	0	\$ -	0.00%
15568	OC Just Ctr-PM 10 Xfmrs &	\$ 37,135	0	\$ -	0.00%
15569	B34 ECH Electronics	\$ 819	0	\$ -	0.00%
15573	OC Just Ctr-T&M 7 Xfmrs	\$ 16,436	0	\$ -	0.00%
15575	NASNI BTU Meters	\$ 1,950	0	\$ -	0.00%
15577	UCSD EBU-1 add outlet	\$ 670	0	\$ -	0.00%
15580	Camp Pendleton-Generator	\$ 1,965	0	\$ -	0.00%
15583	ST KM Oily Waste Gear	\$ 9,895	0	\$ -	0.00%
15585	B2 619 Outlet	\$ 76	0	\$ -	0.00%
15588	SM B2 238 242 Plug Mold	\$ 1,483	0	\$ -	0.00%
15590	B9 328 Nanotech 650FGMill	\$ 9,396	0	\$ -	0.00%
15591	Silvergate Fallbrook LED	\$ 13,660	0	\$ -	0.00%
15592	North Coast Health Center	\$ 34,110	0	\$ -	0.00%
15593	Vista Medical Plaza LED	\$ 21,350	0	\$ -	0.00%
15594	Silvergate San Marcos LED	\$ 12,025	0	\$ -	0.00%
15598	Tuthill Repair Parts Clea	\$ 2,400	0	\$ -	0.00%
15599	B33 Compressors Install	\$ 4,687	0	\$ -	0.00%
15605	B5 Heater Blanket Power	\$ 6,826	0	\$ -	0.00%
15607	B9 Replace 3 Air Compress	\$ 5,182	0	\$ -	0.00%
15618	Steinhauer T.I. Space	\$ 4,800	0	\$ -	0.00%
15623	Pacific Palisades Charter	\$ 1,940	0	\$ -	0.00%
15625	Vista La Mesa Academy	\$ 4,275	0	\$ -	0.00%
15627	VA Loma Linda Exhaust	\$ 4,600	0	\$ -	0.00%
15629	Tri City Medical Center	\$ 10,989	0	\$ -	0.00%
15631	GA B2 355 Heater Power	\$ 1,983	0	\$ -	0.00%
15633	HP Monrovia	\$ 1,848	0	\$ -	0.00%
15639	HP Holiday Shutdown 2015	\$ 53,441	0	\$ -	0.00%
15641	HP Sherman St. Panel Relo	\$ 38,258	0	\$ -	0.00%
15643	9390 Towne Center Drive	\$ 8,530	0	\$ -	0.00%
15645	B14 LED Dimmers	\$ 2,720	0	\$ -	0.00%
15647	B14 Conference Room Floor	\$ 3,024	0	\$ -	0.00%
15649	B5 Crane Power	\$ 2,098	0	\$ -	0.00%
15653	HP Sherman St Receptacles	\$ 1,563	0	\$ -	0.00%
15666	B15 150AMP Panel	\$ 19,494	0	\$ -	0.00%
15668	HWQE Printers	\$ 5,871	0	\$ -	0.00%
15679	Restroom Renovation	\$ 923	0	\$ -	0.00%
15681	Argo Blake Hall Testing	\$ 2,200	0	\$ -	0.00%
15685	CP Rental Boiler Power	\$ 29,223	0	\$ -	0.00%
15687	ST KM07 12kV & 480 Dist	\$ 21,670	0	\$ -	0.00%
15692	B33 Cooling Tower	\$ 10,473	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15695	RBHS Booster Fan Concept	\$ 5,800	0	\$ -	0.00%
15696	Ocean View Jr High Occ	\$ 2,473	0	\$ -	0.00%
15698	Simplex Troubleshoot Fire	\$ 49,130	0	\$ -	0.00%
15701	Continuing Education -	\$ 2,583	0	\$ -	0.00%
15703	B61U Furniture Power Pole	\$ 685	0	\$ -	0.00%
15705	Skaar Printer Power	\$ 3,263	0	\$ -	0.00%
15706	MP-230 Dryer Upgrade	\$ 8,898	0	\$ -	0.00%
15710	Olivenhain Pump Station	\$ 46,500	0	\$ -	0.00%
15712	SMD Outlets on Fume Hoods	\$ 981	0	\$ -	0.00%
15713	EGOR Facility PM 2016	\$ 38,400	0	\$ -	0.00%
15716	Astute B2 Misc Electrical	\$ 93	0	\$ -	0.00%
15717	San Vicente Pump Station	\$ 44,835	0	\$ -	0.00%
15718	NASNI B-341 Transformer	\$ 102,600	0	\$ -	0.00%
15723	B14 UPS Troubleshoot	\$ 119	0	\$ -	0.00%
15725	B34 Replace Outlet in	\$ 730	0	\$ -	0.00%
15729	NASSCO Shore Power Supply	\$ 29,700	0	\$ -	0.00%
15732	Balboa H Wing Elev Machin	\$ 10,986	0	\$ -	0.00%
15737	HP 3D Powder Labs	\$ 1,343	0	\$ -	0.00%
15738	HP B65 Work Table	\$ 1,542	0	\$ -	0.00%
15742	B34 Vapor Degreaser Power	\$ 1,372	0	\$ -	0.00%
15744	AAT LCU Replacements	\$ 14,930	0	\$ -	0.00%
15749	GA B24 Wall Panel	\$ 4,982	0	\$ -	0.00%
15752	B2 359 480 Power. 1	\$ 921	0	\$ -	0.00%
15753	HP Stairwell Lights	\$ 2,246	0	\$ -	0.00%
15754	Replace Breaker Bucket	\$ 1,755	0	\$ -	0.00%
15755	Zebra 3D Buck & Boost	\$ 3,396	0	\$ -	0.00%
15762	HP Environmental Chamber	\$ 8,435	0	\$ -	0.00%
15763	HP Large Format Printer	\$ 3,922	0	\$ -	0.00%
15765	MP 230 Finishing Line	\$ 16,626	0	\$ -	0.00%
15769	B2-425 Chemical Pump	\$ 9,396	0	\$ -	0.00%
15770	AM B2-450 Install Outlet	\$ 858	0	\$ -	0.00%
15771	Lemon Grove Academy	\$ 596	0	\$ -	0.00%
15774	CSUSM the Quad	\$ 2,599	0	\$ -	0.00%
15776	OC Justice PM to ATS	\$ 2,185	0	\$ -	0.00%
15780	City of Perris	\$ 1,973	0	\$ -	0.00%
15784	Kaiser LAMC Conduit Run	\$ 5,000	0	\$ -	0.00%
15786	HP Eiger Mill	\$ 1,473	0	\$ -	0.00%
15790	Long Beach Convention	\$ 4,224	0	\$ -	0.00%
15796	JCI Light Retrofit	\$ 2,940	0	\$ -	0.00%
15822	CalEnergy Colling	\$ 5,945	0	\$ -	0.00%
15824	HP RS Demo	\$ 593	0	\$ -	0.00%
15828	John Hancock cell	\$ 3,250	0	\$ -	0.00%
15829	ISS SqD Controller	\$ 2,505	0	\$ -	0.00%
15831	Seaside Meeting Room	\$ 14,790	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15838	Balboa Travel Plaza	\$ 17,477	0	\$ -	0.00%
15839	Hart USD Patriot Metering	\$ 19,820	0	\$ -	0.00%
15840	VV SHL Expansion	\$ 3,200	0	\$ -	0.00%
15842	SDNI B3 Grounding	\$ 1,578	0	\$ -	0.00%
15850	SD Fluid Systems	\$ 2,417	0	\$ -	0.00%
15853	HP B66 Test Lab Demo	\$ 1,614	0	\$ -	0.00%
15854	Antenna Chamber B60L	\$ 4,691	0	\$ -	0.00%
15864	HP - T-400 WEKO INSTALL	\$ 4,225	0	\$ -	0.00%
15866	Tuolumne Lighting and ATS	\$ 3,000	0	\$ -	0.00%
15868	B61AL Zebra 50A	\$ 2,653	0	\$ -	0.00%
15878	HP Monrovia Power	\$ 610	0	\$ -	0.00%
15879	Interior LED Upgrade	\$ 2,290	0	\$ -	0.00%
15880	Point Loma Nazarene	\$ 651	0	\$ -	0.00%
15882	Crest View Manor, Inc.	\$ 38,690	0	\$ -	0.00%
15884	Remove/Replace 32	\$ 21,450	0	\$ -	0.00%
15887	B33 Mill Move	\$ 8,728	0	\$ -	0.00%
15891	G34 Power Cord	\$ 500	0	\$ -	0.00%
15900	Large Format Media Demo	\$ 698	0	\$ -	0.00%
15902	Solar Turbines 800A	\$ 49,545	0	\$ -	0.00%
15904	B34 Contactor Replacement	\$ 10,205	0	\$ -	0.00%
15906	400A Disconnect Oakbrook	\$ 3,750	0	\$ -	0.00%
15910	Repair Main Visitor	\$ 6,500	0	\$ -	0.00%
15911	B14 Batcave Lights and	\$ 1,100	0	\$ -	0.00%
15913	Park Plaza CT Replacement	\$ 12,450	0	\$ -	0.00%
15917	HP Disconnect B61U	\$ 981	0	\$ -	0.00%
15919	Connect Three 75 Ton Unit	\$ 1,800	0	\$ -	0.00%
15921	Manheim Fontana	\$ 2,480	0	\$ -	0.00%
15927	Solana conference	\$ 1,672	0	\$ -	0.00%
15931	UCSD Telecomm	\$ 11,040	0	\$ -	0.00%
15935	AM B2 Misc. Electrical	\$ 587	0	\$ -	0.00%
15937	USD EBU-1	\$ 5,920	0	\$ -	0.00%
15938	Data Room Power	\$ 892	0	\$ -	0.00%
15943	Wireless Testing B65	\$ 697	0	\$ -	0.00%
15948	Kaiser San Dimas	\$ 10,650	0	\$ -	0.00%
15950	Imperial Hwy 100A	\$ 3,125	0	\$ -	0.00%
15953	Sherwin Williams Locker	\$ 5,886	0	\$ -	0.00%
15954	HP-MP 114 Primer Plover	\$ 2,202	0	\$ -	0.00%
15955	HP-VC-3 to Merlin	\$ 2,145	0	\$ -	0.00%
15956	1145 Industrial Ave.	\$ 3,643	0	\$ -	0.00%
15957	Oasis Relocate Power	\$ 852	0	\$ -	0.00%
15964	B65L Test Lab Demo	\$ 603	0	\$ -	0.00%
15968	UCSD Fleet Cart Outlet	\$ 3,900	0	\$ -	0.00%
15972	PacRim VFD 58	\$ 1,300	0	\$ -	0.00%
15978	B85 QC&Purifications Labs	\$ 4,669	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15982	UCSD Cafe V Data Cables	\$ 4,820	0	\$ -	0.00%
15988	B14 Misc. Electrical	\$ 595	0	\$ -	0.00%
15989	LEP Lab Dynamos-ISS	\$ 13,655	0	\$ -	0.00%
15990	3D Demo Rooms	\$ 4,887	0	\$ -	0.00%
15992	HP Fiber Run B61-64	\$ 1,884	0	\$ -	0.00%
15997	3 Meter Chamber	\$ 2,722	0	\$ -	0.00%
16009	Security Camera Power	\$ 1,942	0	\$ -	0.00%
16011	B34 Pit 75 Degree Outlets	\$ 1,969	0	\$ -	0.00%
16017	SD Fluid Systems Bollards	\$ 16,487	0	\$ -	0.00%
16019	UCSD Atkinson	\$ 3,960	0	\$ -	0.00%
16026	Carmel Mtn. Panel Scans	\$ 1,950	0	\$ -	0.00%
16034	Amazon Prime Now	\$ 43,000	0	\$ -	0.00%
16046	B64 Cafe Downlights	\$ 2,459	0	\$ -	0.00%
16065	AM G2 Supply 30amp-UPS	\$ 1,015	0	\$ -	0.00%
16073	G34 SPS Data Cabinet Pwr	\$ 1,366	0	\$ -	0.00%
16075	HP Chamber Work	\$ 8,328	0	\$ -	0.00%
16077	Sullivan MS	\$ 835	0	\$ -	0.00%
16090	ISS Demo Trailer Power	\$ 697	0	\$ -	0.00%
16095	B61 L Material	\$ 684	0	\$ -	0.00%
16110	Fisher Scientific	\$ 751	0	\$ -	0.00%
16114	Van Nuys USPS	\$ 1,681	0	\$ -	0.00%
16116	Parking Lot Poles	\$ 557	0	\$ -	0.00%
16120	EMC Testing	\$ 976	0	\$ -	0.00%
G40493	Bldg 37 Electrical Servic	\$ 1,408	0	\$ -	0.00%
G40494	Sorrento Valley Pool 2012	\$ 25,389	0	\$ -	0.00%
G40498	Bldg 77 Misc Electr 2012	\$ 18,405	0	\$ -	0.00%
G40499	B 67 Misc Electrical Work	\$ 4,198	0	\$ -	0.00%
G40502	Bldg 14 PV Misc	\$ 2,021	0	\$ -	0.00%
G40539	B87 Misc Electrical Work	\$ 4,674	0	\$ -	0.00%
G40547	Torrey Pines Pool 2012-II	\$ 13,000	0	\$ -	0.00%
G40548	B15 Fire Suppression Sys	\$ 1,736	0	\$ -	0.00%
G40555	Power Data Log & Report	\$ 991	0	\$ -	0.00%
G40556	B2 Provide One Line Diagr	\$ 5,780	0	\$ -	0.00%
G40562	B45 Med Voltage Extra Fus	\$ 5,268	0	\$ -	0.00%
G40567	B30 Men's Room Remodel	\$ 5,709	0	\$ -	0.00%
G40568	B12nd Flr. Purch& Del Lts	\$ 7,735	0	\$ -	0.00%
G40569	B31 Clean Rm Power	\$ 13,013	0	\$ -	0.00%
G40571	B19 Roof Conduit	\$ 4,660	0	\$ -	0.00%
G40572	B7 Reefed Side Panels	\$ 1,740	0	\$ -	0.00%
G40573	B1-1st Flr. Panel Replace	\$ 11,479	0	\$ -	0.00%
G40574	B2 Boiler Room Add Panels	\$ 2,664	0	\$ -	0.00%
G40576	B86,87&88 Misc. Repairs	\$ 9,819	0	\$ -	0.00%
G40577	B86 Emergency Lights	\$ 826	0	\$ -	0.00%
G40578	B67 Helium Project	\$ 1,856	0	\$ -	0.00%

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For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40579	B13 Chiller Controls	\$ 1,426	0	\$ -	0.00%
G40580	Sorrento Valley Pool 2013	\$ 19,607	0	\$ -	0.00%
G40581	B2 Lab 331 Fire Alarm	\$ 1,531	0	\$ -	0.00%
G40582	B33-5 Painter Shed Power	\$ 6,056	0	\$ -	0.00%
G40583	B9 Breeze Way Lighting	\$ 2,531	0	\$ -	0.00%
G40584	B33 Exterior Light Replac	\$ 4,219	0	\$ -	0.00%
G40585	Torrey Pines Pool 2013	\$ 17,117	0	\$ -	0.00%
G40586	B-90 Misc Electrical	\$ 238	0	\$ -	0.00%
G40587	B1 Rm 148B Light Fixtures	\$ 1,836	0	\$ -	0.00%
G40588	Bldg 85 Gate Power	\$ 2,448	0	\$ -	0.00%
G40589	B30 Install Lgt Fix Restr	\$ 1,377	0	\$ -	0.00%
G40590	B87 Misc Electrical Repai	\$ 1,077	0	\$ -	0.00%
G40591	B85 New 225A Panel	\$ 17,844	0	\$ -	0.00%
G40592	B-85 Remove Circuits PP-2	\$ 6,641	0	\$ -	0.00%
G40594	B85 Cord Reels in Lab	\$ 1,235	0	\$ -	0.00%
G40595	B37 Addtl New Ext Lights	\$ 2,050	0	\$ -	0.00%
G40596	B33 Machine Shop Light Fi	\$ 1,537	0	\$ -	0.00%
G40597	B9 Upgrde Feedrs to 100A	\$ 6,763	0	\$ -	0.00%
G40598	B33/5 Panel Replacement	\$ 3,711	0	\$ -	0.00%
G40599	B85 Outlets for Shop	\$ 3,228	0	\$ -	0.00%
G40600	B13 Exhaust Fan Power	\$ 344	0	\$ -	0.00%
G40601	B-12 122 & 124 TI	\$ 2,487	0	\$ -	0.00%
G40602	B87 Xerox Outlet in S&R	\$ 452	0	\$ -	0.00%
G40603	B9 Dumb Waiter	\$ 599	0	\$ -	0.00%
G40604	Torrey Campus MV Fault Rp	\$ 3,397	0	\$ -	0.00%
G40605	B9 Storage Room Outlets	\$ 1,541	0	\$ -	0.00%
G40606	B9 Office 049B	\$ 2,558	0	\$ -	0.00%
G40607	B14 Far-Tech Servcer A/C	\$ 1,648	0	\$ -	0.00%
G40608	TP 12KV Gas Switch Maint.	\$ 7,720	0	\$ -	0.00%
G40609	B13 Xerox Outlet	\$ 616	0	\$ -	0.00%
G40610	TP Circuit #2 to MH7 Cabl	\$ 22,437	0	\$ -	0.00%
G40611	PTP Demo Circuit #2 MV Ca	\$ 1,850	0	\$ -	0.00%
G40612	B-15 Demo Unused EPO	\$ 1,207	0	\$ -	0.00%
G40613	B85 Trblsht/Rep Corr Outl	\$ 1,210	0	\$ -	0.00%
G40614	B45 Yard Maintenance	\$ 721	0	\$ -	0.00%
G40615	B34 Reception Area	\$ 1,418	0	\$ -	0.00%
G40616	B37 BGCCAP Wall Move	\$ 526	0	\$ -	0.00%
G40617	B33 Lighting Repair	\$ 825	0	\$ -	0.00%
G40618	B1 Remove Unused Devices	\$ 535	0	\$ -	0.00%
G40619	B13 251 Copier Outlet	\$ 477	0	\$ -	0.00%
G40620	B13 269 Outlet Under Desk	\$ 464	0	\$ -	0.00%
G40621	B29 Light Sensors	\$ 2,144	0	\$ -	0.00%
G40622	B13 400 Outlet & Switch	\$ 524	0	\$ -	0.00%
G40623	B1 Elevator New Feed	\$ 3,452	0	\$ -	0.00%

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For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40624	B15, 212A-217 TI	\$ 3,034	0	\$ -	0.00%
G40625	B14 Lobby Alcove	\$ 480	0	\$ -	0.00%
G40626	B1 Second Floor TI	\$ 4,168	0	\$ -	0.00%
G40627	B86 Key Locker Power	\$ 1,082	0	\$ -	0.00%
G40628	B2 Lab 332 Demo Wiremold	\$ 293	0	\$ -	0.00%
G40629	B67 Misc Electrical	\$ 1,858	0	\$ -	0.00%
G40630	B9 Light Maintenance	\$ 1,948	0	\$ -	0.00%
G40631	B77 Equipment Disconnect	\$ 13,642	0	\$ -	0.00%
G40632	B34 Restrm Devices & Fixt	\$ 318	0	\$ -	0.00%
G40633	B23T Fixture Move	\$ 3,259	0	\$ -	0.00%
G40634	B1 Move Wall	\$ 919	0	\$ -	0.00%
G40635	B-1 130E New Wall	\$ 802	0	\$ -	0.00%
G40636	B37 Prevantative Maintena	\$ 12,335	0	\$ -	0.00%
G40637	B9 Conference Room	\$ 2,199	0	\$ -	0.00%
G40638	B88 Electrical 4 Cubicles	\$ 2,064	0	\$ -	0.00%
G40639	B7 ReRoof Electrical	\$ 2,295	0	\$ -	0.00%
G40640	B1 Conf Rm Projtor Screen	\$ 1,471	0	\$ -	0.00%
G40641	B1 Conf Rm New Passage Wy	\$ 2,078	0	\$ -	0.00%
G40642	B15 Data Center Breaker	\$ 2,154	0	\$ -	0.00%
G40643	B1 Conference Tables	\$ 2,834	0	\$ -	0.00%
G40644	B87 & 77 Power Requirement	\$ 3,062	0	\$ -	0.00%
G40645	B1 New Projector Screens	\$ 764	0	\$ -	0.00%
G40646	B15 PDU Circuits	\$ 9,586	0	\$ -	0.00%
G40647	B86, 87 & 88 As Needed	\$ 19,701	0	\$ -	0.00%
G40648	B86 Trailer Elctr. Design	\$ 6,538	0	\$ -	0.00%
G40649	B86,87&88 Misc Elect Repr	\$ 11,742	0	\$ -	0.00%
G40650	B86 Demo 12KV Elec Gear	\$ 6,920	0	\$ -	0.00%
G40651	B-14 Mona's Extra	\$ 5,126	0	\$ -	0.00%
G40652	B2 404 New Fixtures	\$ 624	0	\$ -	0.00%
G40653	B1,7,14,15&SV West(63-67)	\$ 1,167	0	\$ -	0.00%
G40655	B86 Trailer Interior Elec	\$ 20,103	0	\$ -	0.00%
G40656	B86 Power to EMS Group	\$ 7,444	0	\$ -	0.00%
G40657	B33.5 Raise Transformer	\$ 1,254	0	\$ -	0.00%
G40658	B-1 227 Torrey Pines	\$ 4,848	0	\$ -	0.00%
G40659	B87 Power Quality Design	\$ 8,903	0	\$ -	0.00%
G40660	B34 Women's Restroom TI	\$ 1,322	0	\$ -	0.00%
G40661	B-86,87,88 Misc. Electric	\$ 7,695	0	\$ -	0.00%
G40662	B87 Emergency Power	\$ 17,896	0	\$ -	0.00%
G40663	B87 Interim Wiring-RMS	\$ 16,529	0	\$ -	0.00%
G40664	B87 Interim Branch Elect.	\$ 16,599	0	\$ -	0.00%
G40665	B87 Normal Power	\$ 14,946	0	\$ -	0.00%
G40666	B87 Inter Wiring Skid Inv	\$ 14,023	0	\$ -	0.00%
G40667	B86 HB30M 200 Amp Power	\$ 11,146	0	\$ -	0.00%
G40668	B87 Data Conduit	\$ 4,065	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40669	B10 Move Lights	\$ 2,454	0	\$ -	0.00%
G40670	B87 Over Time	\$ 11,133	0	\$ -	0.00%
G40671	B87 Added 208/120V	\$ 4,852	0	\$ -	0.00%
G40672	B88 30AMP Circuit	\$ 1,145	0	\$ -	0.00%
G40673	B10-1 Card Reader	\$ 1,014	0	\$ -	0.00%
G40675	B9 Fire Bells	\$ 2,457	0	\$ -	0.00%
G40676	B34 Tool Crib New Wall	\$ 4,369	0	\$ -	0.00%
G40677	B14 Restrooms/Janitor Clo	\$ 698	0	\$ -	0.00%
G40678	B87 IDF Electrical	\$ 3,827	0	\$ -	0.00%
G40679	B87 Equipment Grounding	\$ 11,841	0	\$ -	0.00%
G40680	B-9 Preventative Maintena	\$ 3,802	0	\$ -	0.00%
G40681	B-24 Sign Power	\$ 1,045	0	\$ -	0.00%
G40682	EK Torrey Pines/Sorr Vall	\$ 21,901	0	\$ -	0.00%
G40683	B87 30amp Power Drop	\$ 2,350	0	\$ -	0.00%
G40684	B77 Safe Off Equip.Part 2	\$ 21,919	0	\$ -	0.00%
G40685	Caps R & D Elec Design	\$ 1,269	0	\$ -	0.00%
G40686	B-85 137 Mixer Pwr & Cont	\$ 1,701	0	\$ -	0.00%
G40687	B90 IT Room	\$ 156	0	\$ -	0.00%
G40688	B86 1006 HVAC	\$ 7,219	0	\$ -	0.00%
G40690	Sorrento Valley Site Work	\$ 3,901	0	\$ -	0.00%
G40692	Torrey Pines Misc Site	\$ 6,765	0	\$ -	0.00%
G40693	B2-206 HEPA Disconnect	\$ 147	0	\$ -	0.00%
G40694	B37 Repair Gate Controllr	\$ 3,578	0	\$ -	0.00%
G40696	B2 Lab 130 Light Renovatn	\$ 5,246	0	\$ -	0.00%
G40698	B37 100A Panel At Gate	\$ 17,763	0	\$ -	0.00%
G40700	B2 Lab 411 Lighting Mods	\$ 9,815	0	\$ -	0.00%
G40701	B2 Lab 327 Lighting Refit	\$ 3,415	0	\$ -	0.00%
G40702	B-77 Safe-Off Zone A&B	\$ 9,771	0	\$ -	0.00%
G40703	B37 Security Trailer Powr	\$ 1,786	0	\$ -	0.00%
G40704	B2 Lab 611-Lighting Refit	\$ 9,979	0	\$ -	0.00%
G40705	B2 Lab 420 Lighting	\$ 7,174	0	\$ -	0.00%
G40706	B2 Lab 564 Lgt demo retro	\$ 10,864	0	\$ -	0.00%
G40707	B2 Lab 556 Lighting Mods	\$ 10,949	0	\$ -	0.00%
G40708	B15 Basement	\$ 5,851	0	\$ -	0.00%
G40709	B2 Lab 357 Lighting Mods	\$ 5,742	0	\$ -	0.00%
G40710	B2 Lab 359 Lighting Mods	\$ 8,113	0	\$ -	0.00%
G40711	B2 Lab 122-119	\$ 11,344	0	\$ -	0.00%
G40712	B77 Safe Off Zones C & D	\$ 9,129	0	\$ -	0.00%
G40713	B2- Lab109 Lighting Refit	\$ 8,925	0	\$ -	0.00%
G40714	B-2 Lab 202 Lighting Refi	\$ 6,689	0	\$ -	0.00%
G40715	B1 Conference Room Power	\$ 2,963	0	\$ -	0.00%
G40716	B90 Emergency Lighting	\$ 10,307	0	\$ -	0.00%
G40717	B87 2nd Floor IDF Power	\$ 6,343	0	\$ -	0.00%
G40718	B2 Lab 242	\$ 11,891	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40719	B2 Office 310	\$ 2,073	0	\$ -	0.00%
G40720	B2 Office 308	\$ 2,061	0	\$ -	0.00%
G40721	B2 Office 312,314,316,318	\$ 6,324	0	\$ -	0.00%
G40722	B2, Office 302,304,305	\$ 5,090	0	\$ -	0.00%
G40723	B2 Office 300	\$ 1,896	0	\$ -	0.00%
G40724	B1 Electrical Demo	\$ 389	0	\$ -	0.00%
G40725	B2 Offces 320,322,324,326	\$ 6,344	0	\$ -	0.00%
G40726	B9 Heat Pump	\$ 2,357	0	\$ -	0.00%
G40728	B86, 87 & 88	\$ 4,235	0	\$ -	0.00%
G40729	B87 Air Compressor	\$ 3,964	0	\$ -	0.00%
G40730	B-15 Room 227 TI	\$ 1,984	0	\$ -	0.00%
G40731	B-15 Room 228 TI	\$ 4,369	0	\$ -	0.00%
G40732	B2 Off 213,237,239 & 243	\$ 7,964	0	\$ -	0.00%
G40733	B2 Office 557	\$ 2,120	0	\$ -	0.00%
G40734	B2 Corridor 311A	\$ 1,820	0	\$ -	0.00%
G40735	B2 Lab 107 Light Mods	\$ 10,866	0	\$ -	0.00%
G40736	B2 Lab 238 Light Mods	\$ 11,754	0	\$ -	0.00%
G40737	B2 Lab 307 Light Mods	\$ 4,908	0	\$ -	0.00%
G40738	B2 Office 235 Light Mods	\$ 1,462	0	\$ -	0.00%
G40739	B85 New Autoclave Power	\$ 3,370	0	\$ -	0.00%
G40740	B34 Pre Action Panel	\$ 455	0	\$ -	0.00%
G40741	B2 Lab 317 Light Mods	\$ 2,403	0	\$ -	0.00%
G40742	B2 Lab 321-323 Light Mods	\$ 3,372	0	\$ -	0.00%
G40743	B2 Lab 339-341 Light Mods	\$ 13,325	0	\$ -	0.00%
G40744	B2 Lab 309	\$ 5,078	0	\$ -	0.00%
G40745	B2 Lab 315	\$ 4,251	0	\$ -	0.00%
G40746	B2 Lab 107B	\$ 1,620	0	\$ -	0.00%
G40747	B88 Install Exit Signs	\$ 690	0	\$ -	0.00%
G40748	B86 2093 Air Conditioner	\$ 2,029	0	\$ -	0.00%
G40750	B2 Attic Stock	\$ 2,348	0	\$ -	0.00%
G40751	B86 SCIF	\$ 585	0	\$ -	0.00%
G40752	B2 Office	\$ 1,604	0	\$ -	0.00%
G40753	B2 Office	\$ 1,526	0	\$ -	0.00%
G40754	B2 Office	\$ 303	0	\$ -	0.00%
G40755	B2 Office	\$ 377	0	\$ -	0.00%
G40756	B2 Office 108 Ltg Mods	\$ 377	0	\$ -	0.00%
G40757	B2 Science C PM	\$ 15,432	0	\$ -	0.00%
G40758	B-87 MV Gear Demo	\$ 1,405	0	\$ -	0.00%
G40759	B2 Office 118 Light Mods	\$ 977	0	\$ -	0.00%
G40760	B37 Machine Shop	\$ 1,093	0	\$ -	0.00%
G40761	B2 Office 114	\$ 1,241	0	\$ -	0.00%
G40762	B2 Office 110 Lighting	\$ 794	0	\$ -	0.00%
G40763	B29 Move Projector	\$ 2,689	0	\$ -	0.00%
G40764	B9 004 007 008 TI	\$ 1,399	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40765	B9 Roof top Equipment	\$ 2,475	0	\$ -	0.00%
G40767	B67 Change Out Lamps	\$ 486	0	\$ -	0.00%
G40768	B35-1 110 Conference Room	\$ 1,444	0	\$ -	0.00%
G40769	B9 Conference Table Power	\$ 1,754	0	\$ -	0.00%
G40770	B86,87,88,90	\$ 3,998	0	\$ -	0.00%
G40771	B15 IR Scan & Amp Reading	\$ 4,282	0	\$ -	0.00%
G40772	B30 Rm. 105A	\$ 1,196	0	\$ -	0.00%
G40773	B29 Fire Alarm Conduit	\$ 646	0	\$ -	0.00%
G40774	B2 Universal Waste Area	\$ 2,388	0	\$ -	0.00%
G40775	B15 12KV Circuit Transfrm	\$ 444	0	\$ -	0.00%
G40776	B37 Trailer Lights	\$ 700	0	\$ -	0.00%
G40778	B14 MV	\$ 697	0	\$ -	0.00%
G40779	B14 Job Walk	\$ 156	0	\$ -	0.00%
G40780	B30 Exhaust Fan	\$ 382	0	\$ -	0.00%
G40781	B-2 2nd Universal Waste	\$ 2,804	0	\$ -	0.00%
G40782	B-2 Office133 Ltg Mods	\$ 634	0	\$ -	0.00%
G40783	B2-605 Hood Disconnect	\$ 234	0	\$ -	0.00%
G40784	B14 Single Line	\$ 3,590	0	\$ -	0.00%
G40785	B2-564	\$ 312	0	\$ -	0.00%
G40786	B2-564 Overhead	\$ 830	0	\$ -	0.00%
G40787	B7 Remove Unused Cans	\$ 2,478	0	\$ -	0.00%
G40788	B2 Core Panel	\$ 2,969	0	\$ -	0.00%
G40789	B7 200Amp	\$ 5,458	0	\$ -	0.00%
G40790	B37 IT Conduit	\$ 1,177	0	\$ -	0.00%
G40791	B37 Machine Shop Conduit	\$ 902	0	\$ -	0.00%
G40792	B2-232 Reconnect Bench	\$ 230	0	\$ -	0.00%
G40793	B2-539 Welder	\$ 992	0	\$ -	0.00%
G40794	B- 86,87,88 & 89	\$ 1,529	0	\$ -	0.00%
G40795	B9 Data Conduits	\$ 5,706	0	\$ -	0.00%
G40796	B15 053A Printer	\$ 910	0	\$ -	0.00%
G40797	B2-641 HEPA Disconnect	\$ 156	0	\$ -	0.00%
G40798	B91 As-Built Electrical	\$ 2,204	0	\$ -	0.00%
G40799	B88 136 Cubicle Power	\$ 2,841	0	\$ -	0.00%
G40800	B91 Data Room Power	\$ 8,377	0	\$ -	0.00%
G40801	B86 Dist Panel Board PM &	\$ 1,098	0	\$ -	0.00%
G40802	B30-127 New Light Fixture	\$ 6,487	0	\$ -	0.00%
G40803	B86 1200 Cube Power &	\$ 12,277	0	\$ -	0.00%
G40804	B2 Energy	\$ 156	0	\$ -	0.00%
G40805	B33 IDF Room	\$ 6,826	0	\$ -	0.00%
G40806	B22 IT Closet	\$ 6,073	0	\$ -	0.00%
G40807	B2-359 HVAC Equip Hook Up	\$ 457	0	\$ -	0.00%
G40808	B34 DIII-D Switchgear	\$ 798	0	\$ -	0.00%
G40809	B27 Misc Rooms Hoods	\$ 1,664	0	\$ -	0.00%
G40810	B1 130 Conf Room	\$ 1,223	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G40812	EK TP/SV Misc Electric	\$ 370	0	\$ -	0.00%
G40814	B2- 411 Split Units	\$ 1,873	0	\$ -	0.00%
G40816	B9 New Power for DC	\$ 8,009	0	\$ -	0.00%
G40817	B1 141/143 T.I.	\$ 6,251	0	\$ -	0.00%
G40818	B2 Office 424 Lighting	\$ 812	0	\$ -	0.00%
G40820	B33 Remove Unused Equip	\$ 1,359	0	\$ -	0.00%
G40821	B37 Muze Research	\$ 468	0	\$ -	0.00%
G40824	B33 Exterior Data Conduit	\$ 9,824	0	\$ -	0.00%
G40825	B30 Contractor Trailer	\$ 11,588	0	\$ -	0.00%
G40827	Astute Medical B2 Misc	\$ 146	0	\$ -	0.00%
G40828	B9 102B, 129, 130, 132 TI	\$ 6,226	0	\$ -	0.00%
G40829	B2 311 Lab Renovation	\$ 5,153	0	\$ -	0.00%
G40830	B85 114, 176, 160 E Power	\$ 6,600	0	\$ -	0.00%
G40831	G92 Misc Work	\$ 16,801	0	\$ -	0.00%
G40832	G02/401-403 Lab	\$ 1,402	0	\$ -	0.00%
G40833	B2 Lab 313 install	\$ 3,269	0	\$ -	0.00%
G40834	B2 Lab 311 Deck Lgt	\$ 5,931	0	\$ -	0.00%
G40835	B922 Rom Demo	\$ 12,239	0	\$ -	0.00%
G40836	G92 Cooling Tower	\$ 16,990	0	\$ -	0.00%
G40837	B30 Data Pathway	\$ 3,469	0	\$ -	0.00%
G40843	B15 New MPOE Power	\$ 4,958	0	\$ -	0.00%
G50139	B18 SIL 60 A Ckts	\$ 4,630	0	\$ -	0.00%
G50185	B17 Air Force Prog Flr Bx	\$ 737	0	\$ -	0.00%
G50193	B16 RM. 1120 Cube	\$ 2,258	0	\$ -	0.00%
G50194	B21 Trouble Shoot VFD	\$ 390	0	\$ -	0.00%
G50204	B20 IDF Rack Pwr Rm 1029	\$ 1,309	0	\$ -	0.00%
G50205	B17 MDF Rack Pwr Rm 1004A	\$ 1,013	0	\$ -	0.00%
G50206	B15 Pred B Relocate Drop	\$ 642	0	\$ -	0.00%
G50207	B15 Rm 1300 30 amp Drop	\$ 1,070	0	\$ -	0.00%
G50210	B18 SL 4 30 amp Recpt	\$ 2,968	0	\$ -	0.00%
G50211	B-15 SMT #2	\$ 1,176	0	\$ -	0.00%
G50212	B17 EM Power	\$ 8,225	0	\$ -	0.00%
G50213	B17 Kitchen Coffe Pot 40A	\$ 1,674	0	\$ -	0.00%
G50214	B18 Rm 1801 Receptacles	\$ 3,076	0	\$ -	0.00%
G50215	B16 Rm 1182 Copier Outlet	\$ 2,011	0	\$ -	0.00%
G50216	B20 Lab 1086B Power Drops	\$ 4,839	0	\$ -	0.00%
G50217	B15 Discnct Temp Chiller2	\$ 554	0	\$ -	0.00%
G50218	B-15 Emulator 30 AMP	\$ 3,116	0	\$ -	0.00%
G50219	B-14 Emulator 30 AMP	\$ 1,074	0	\$ -	0.00%
G50220	B20 Remove Neutral Filter	\$ 762	0	\$ -	0.00%
G50221	B-3 Room 1352 Circuit Ext	\$ 552	0	\$ -	0.00%
G50222	B15 Flat Screen Rm 2153	\$ 583	0	\$ -	0.00%
G50223	B15 Flat Scr Rm 2164-2160	\$ 807	0	\$ -	0.00%
G50224	B-14 Room 158 Printer	\$ 1,218	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G50225	B15 Room H2100 Flat Scren	\$ 730	0	\$ -	0.00%
G50226	B-15 Hot Mock-Up Drops	\$ 2,334	0	\$ -	0.00%
G50227	B15 Troubleshoot Cub SR22	\$ 458	0	\$ -	0.00%
G50228	B14 Relocate Punch Press	\$ 838	0	\$ -	0.00%
G50229	B21 Laser Printr Duct Fan	\$ 580	0	\$ -	0.00%
G50230	B18 SIPERNET	\$ 523	0	\$ -	0.00%
G50231	B16 Relocate Copier R1001	\$ 1,138	0	\$ -	0.00%
G50232	B20 Elect Rm 1030-Split U	\$ 1,016	0	\$ -	0.00%
G50233	B14 Purchase Trip Unit	\$ 4,153	0	\$ -	0.00%
G50234	B15 Relocate Chamber Circ	\$ 1,555	0	\$ -	0.00%
G50235	B-14 Lower Power Data	\$ 451	0	\$ -	0.00%
G50236	B-18 As-Built Meeting	\$ 376	0	\$ -	0.00%
G50237	B23 Air Force 560P9W Cord	\$ 572	0	\$ -	0.00%
G50238	B21 Verify VFD One-Line	\$ 573	0	\$ -	0.00%
G50239	B15 Door Security Repair	\$ 226	0	\$ -	0.00%
G50240	B17 Remove Floor Box	\$ 289	0	\$ -	0.00%
G50241	B17 Conf Rm Data Conduit	\$ 1,234	0	\$ -	0.00%
G50242	B19 Secured Storage Alarm	\$ 591	0	\$ -	0.00%
G50243	B20 Demo Electr Rm 1001	\$ 2,163	0	\$ -	0.00%
G50244	B15 Air Compressor 202 Pw	\$ 661	0	\$ -	0.00%
G50245	B15 Touch Screen Pwr&Data	\$ 700	0	\$ -	0.00%
G50246	B21 4" Sleeve @IDF 1141	\$ 234	0	\$ -	0.00%
G50247	B26 LCP Meeting	\$ 113	0	\$ -	0.00%
G50248	B18 CIED Trailer II	\$ 684	0	\$ -	0.00%
G50249	B18 Exhaust Fans	\$ 537	0	\$ -	0.00%
G50250	B21 Inverter	\$ 1,374	0	\$ -	0.00%
G50252	B18 Lighting Invert & LCP	\$ 1,430	0	\$ -	0.00%
G50253	B15 Emg Light Trouble Sht	\$ 2,974	0	\$ -	0.00%
G50254	B15 Pred B 30amp Cord	\$ 466	0	\$ -	0.00%
G50255	B18 30AMP Cord	\$ 277	0	\$ -	0.00%
G50256	B15 Emergency Call	\$ 484	0	\$ -	0.00%
G50257	B17 A/V Power	\$ 1,617	0	\$ -	0.00%
G50258	B18 208V Cord Caps	\$ 936	0	\$ -	0.00%
G50259	B15 Cafe Freezer Light	\$ 771	0	\$ -	0.00%
G50260	B-21 HazMat Storage	\$ 844	0	\$ -	0.00%
G50261	B26 Whitehouse Cubical Pr	\$ 3,244	0	\$ -	0.00%
G50262	B14 Feeder J-Box	\$ 1,809	0	\$ -	0.00%
G50263	B20 Secure Shred Room	\$ 1,516	0	\$ -	0.00%
G50264	B15 DCMA Reconfigure	\$ 909	0	\$ -	0.00%
G50265	B15 Conference Room 214.9	\$ 1,319	0	\$ -	0.00%
G50266	B26/27 One Line Research	\$ 1,687	0	\$ -	0.00%
G50267	B18 SIPERNET Receptacle	\$ 758	0	\$ -	0.00%
G50268	B18 SIL 1 60 amp Plug	\$ 778	0	\$ -	0.00%
G50269	B17 Data Center Lighting	\$ 1,669	0	\$ -	0.00%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G50270	B17 Air Force Receptacles	\$ 6,483	0	\$ -	0.00%
G50271	B19 Relocate Hi Bay Fixtu	\$ 689	0	\$ -	0.00%
G50272	B15 Fuel Skid Disconnect	\$ 820	0	\$ -	0.00%
G50273	B18 Troublesht Lgting Inv	\$ 783	0	\$ -	0.00%
G50274	B17 AF Conf. 1201 Recept	\$ 2,822	0	\$ -	0.00%
G50275	B21 Boiler Pump Neutrals	\$ 8,682	0	\$ -	0.00%
G50276	B21 GFI at Loading Dock	\$ 770	0	\$ -	0.00%
G50277	B20 Emerg One Line Resear	\$ 978	0	\$ -	0.00%
G50278	B18 Breakrm 401 Circuits	\$ 2,650	0	\$ -	0.00%
G50280	B14 VAV Power	\$ 825	0	\$ -	0.00%
G50281	B15 208V Panel	\$ 376	0	\$ -	0.00%
G50282	B17 Starline Drop	\$ 150	0	\$ -	0.00%
G50283	B20 Conf Rm Recpt trouble	\$ 1,917	0	\$ -	0.00%
G50284	B17 Trblsht Lighting Invr	\$ 217	0	\$ -	0.00%
G50285	B23 -400 Hrtz Power Panel	\$ 1,796	0	\$ -	0.00%
G50286	B15 Ground Rod Testing	\$ 392	0	\$ -	0.00%
G50287	B26 Replace Exhaust	\$ 3,517	0	\$ -	0.00%
G50288	B18 Rack Relocation	\$ 884	0	\$ -	0.00%
G50289	B15 Projector Room Power	\$ 371	0	\$ -	0.00%
G50291	B27 Place Fire Alarm	\$ 2,231	0	\$ -	0.00%
G50292	B15 Discon Server Degreas	\$ 418	0	\$ -	0.00%
G50293	B24 Explosion Proof Swtch	\$ 2,253	0	\$ -	0.00%
G50294	B23 Elevator Shunt Trip	\$ 2,533	0	\$ -	0.00%
G50295	B18 Simulator Power	\$ 596	0	\$ -	0.00%
G50296	B15 GPS Antenna Elec Assm	\$ 4,720	0	\$ -	0.00%
G50297	B14 MVR Wire EDM	\$ 10,543	0	\$ -	0.00%
G50298	B14 Laser Engraver	\$ 2,251	0	\$ -	0.00%
G50299	B26/27 Uplights	\$ 5,368	0	\$ -	0.00%
G50300	B26 2nd Floor Addl Correc	\$ 4,159	0	\$ -	0.00%
G50301	B-15 OCC Sensors	\$ 9,799	0	\$ -	0.00%
G50302	B14 OCC Sensors	\$ 9,661	0	\$ -	0.00%
G50303	B15 Predator B Lighting	\$ 8,044	0	\$ -	0.00%
G50304	B15 Commissioning w/Sq D	\$ 1,760	0	\$ -	0.00%
G50308	B18 Payload Integration	\$ 2,267	0	\$ -	0.00%
G50309	B24 Guard Shack	\$ 2,703	0	\$ -	0.00%
G50314	B14 Power for Metal Scale	\$ 276	0	\$ -	0.00%
G50315	B14 Machinery Move	\$ 33,128	0	\$ -	0.00%
G50316	B14 Block 30 Disconnects	\$ 2,515	0	\$ -	0.00%
G50317	B20/23 Ground Rod Testing	\$ 301	0	\$ -	0.00%
G50318	B-21 Paint Robot	\$ 3,107	0	\$ -	0.00%
G50319	B27 Stand By Support	\$ 511	0	\$ -	0.00%
G50321	B24 Arc and Coordination	\$ 1,152	0	\$ -	0.00%
G50322	ASI Site Wide	\$ 5,302	0	\$ -	0.00%
G55001	B3 Light Pole Repair	\$ 3,208	0	\$ -	0.00%

Baker Electric
Change Order History
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G55002	B2 Add GFCI in Planter	\$ 302	0	\$ -	0.00%
G55003	B1 Exterior Can Light Rep	\$ 3,442	0	\$ -	0.00%
G55004	B-2 Replace Breaker	\$ 655	0	\$ -	0.00%
G55005	B1 Deliv Gate Guard Shack	\$ 926	0	\$ -	0.00%
G55006	B1 Lobby Gate Guard Shack	\$ 1,060	0	\$ -	0.00%
G55007	B3 Roof Outlet	\$ 1,358	0	\$ -	0.00%
G55008	B1 Chiller VFD Demo	\$ 631	0	\$ -	0.00%
G55009	B1 1126 CVR Equip Move	\$ 988	0	\$ -	0.00%
G55010	B3 Install Pwr for Doors	\$ 1,095	0	\$ -	0.00%
G55011	B2 Lab 1066 Receptacles	\$ 3,782	0	\$ -	0.00%
G55012	B1 Research Crac Unit Con	\$ 301	0	\$ -	0.00%
G55013	B1 Soffit Lights Refeed	\$ 482	0	\$ -	0.00%
G55014	B1 Closet Light Refeed	\$ 1,061	0	\$ -	0.00%
G55015	B3 1690 Light Fixtr Contr	\$ 1,811	0	\$ -	0.00%
G55016	B2 1056 Electric Rm Maint	\$ 1,665	0	\$ -	0.00%
G55017	B-2 1042 Cord Drops	\$ 1,277	0	\$ -	0.00%
G55018	B-3 1680 Lynx Lab Int Out	\$ 502	0	\$ -	0.00%
G55019	B3 1680 Lynx Lab Ext Outl	\$ 1,049	0	\$ -	0.00%
G55020	B2 1051 Clean Room System	\$ 1,057	0	\$ -	0.00%
G55021	B2 Ground Buss	\$ 1,378	0	\$ -	0.00%
G55022	B-1 Environmental Chamber	\$ 2,048	0	\$ -	0.00%
G55023	B2 Restroom Emerg Ballast	\$ 1,004	0	\$ -	0.00%
G55024	B3 LCP1 Power	\$ 1,229	0	\$ -	0.00%
G55025	B3 LCP2 Power	\$ 2,275	0	\$ -	0.00%
G55026	B3 Ballasts	\$ 1,682	0	\$ -	0.00%
G55027	B-78A Condensate Pumps	\$ 150	0	\$ -	0.00%
G55028	B3 Emergency Lights	\$ 1,381	0	\$ -	0.00%
G55029	B3 Lab Circuits	\$ 1,731	0	\$ -	0.00%
G55030	B3 Troubleshoot Lights	\$ 1,847	0	\$ -	0.00%
G55031	B78A Instl Powr Off Cubes	\$ 376	0	\$ -	0.00%
G55032	B1 HazMat Add EM Ballasts	\$ 268	0	\$ -	0.00%
G55033	B1 Repair Fault Laser Lab	\$ 226	0	\$ -	0.00%
G55034	B-3 Chamber Interlocks	\$ 774	0	\$ -	0.00%
G55035	B3 Clean Room 125V Drops	\$ 1,430	0	\$ -	0.00%
G55036	B2-1006 Misc. Electrical	\$ 691	0	\$ -	0.00%
G55037	B3 Chamber Interlocks	\$ 1,816	0	\$ -	0.00%
G55038	B3 1103 Server Rack	\$ 1,404	0	\$ -	0.00%
G55039	B1 Install 30amp Outlets	\$ 1,000	0	\$ -	0.00%
G55040	B2 Gun Range	\$ 1,714	0	\$ -	0.00%
G55041	B2 Laser Lab	\$ 836	0	\$ -	0.00%
G55042	B2 Laser Lab	\$ 1,367	0	\$ -	0.00%
G55043	B3 Server Room	\$ 810	0	\$ -	0.00%
G55044	B-3 Chamber Interlocks	\$ 2,080	0	\$ -	0.00%
G55045	B1 111-Power	\$ 7,305	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
G55046	B1 Job Walk	\$ 152	0	\$ -	0.00%
G55047	B1 Haz Mat Grounding	\$ 3,820	0	\$ -	0.00%
G55048	B-3 1090B Antenna Power	\$ 3,486	0	\$ -	0.00%
G55049	A5 IT Rack Grounding	\$ 3,208	0	\$ -	0.00%
G57001	Gillespie Field Hanger	\$ 150	0	\$ -	0.00%
G57002	B5 Digital Signage	\$ 1,743	0	\$ -	0.00%
G57003	Montgomery Field Antenna	\$ 1,136	0	\$ -	0.00%
G57004	Montgomery Field	\$ 12,784	0	\$ -	0.00%
12817	Fresno VA Medical Center	\$ 661,169	0	\$ -	0.00%
13280	MAG- 39 P111 Warehouse	\$ 804,522	0	\$ -	0.00%
13299	Santee USD Solar PV Desig	\$ 11,250	0	\$ -	0.00%
13366	Santa Clara USD Master Jb	\$ 1,811,061	0	\$ -	0.00%
13512	PV Solana Beach ES #7	\$ 193,290	0	\$ -	0.00%
14111	ESRI Bldg. NA	\$ 216,250	0	\$ -	0.00%
14163	San Diego Valve & Fitting	\$ 393,900	0	\$ -	0.00%
14175	California Pacific J Bugs	\$ 79,895	0	\$ -	0.00%
14227	The Seastone Group, LP	\$ 229,000	0	\$ -	0.00%
14229	The Slatestone Group, LP	\$ 76,100	0	\$ -	0.00%
14253	Saf Keep Storage	\$ 434,626	0	\$ -	0.00%
14352	RB Swim & Tennis	\$ 374,300	0	\$ -	0.00%
14371	Fire Station 45	\$ 113,350	0	\$ -	0.00%
14438	ETC Building and Design	\$ 77,500	0	\$ -	0.00%
14455	First United Methodist Ch	\$ 363,285	0	\$ -	0.00%
14512	SunCoast Properties	\$ 466,440	0	\$ -	0.00%
14513	Electronic Metal Fabricat	\$ 80,000	0	\$ -	0.00%
14538	Two Bunch Palms Element	\$ 864,864	0	\$ -	0.00%
14545	Faith Chapel	\$ 458,188	0	\$ -	0.00%
14547	Escondido Disposal Inc.	\$ 261,745	0	\$ -	0.00%
14574	Fort Hunter Liggett	\$ 1,685,790	0	\$ -	0.00%
14590	UPSES	\$ 59,350	0	\$ -	0.00%
14644	Simpson Pacific Oaks, LLC	\$ 71,800	0	\$ -	0.00%
14671	SO. Bay Union School Dist	\$ 1,360	0	\$ -	0.00%
14831	Hillcrest ES	\$ 500	0	\$ -	0.00%
14833	Davies PV Installation	\$ 74,000	0	\$ -	0.00%
14884	N.Y. VA Healthcare	\$ 130,097	0	\$ -	0.00%
14896	Alta Nursery	\$ 658,530	0	\$ -	0.00%
14935	Coventry Court	\$ 687,830	0	\$ -	0.00%
14957	Dutek-2228 Oak Ridge Way	\$ 814,395	0	\$ -	0.00%
15118	VA Fresno, Roof	\$ 1,394	0	\$ -	0.00%
15250	Vista Sorrento	\$ 1,700	0	\$ -	0.00%
15260	CUSO Financial	\$ 750	0	\$ -	0.00%
15290	Tecate Group	\$ 379,268	0	\$ -	0.00%
15293	P160	\$ 340	0	\$ -	0.00%
15302	Claire's on Cedros	\$ 255	0	\$ -	0.00%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
15320	American Heritage	\$ 1,643,364	0	\$ -	0.00%
15336	Lemon Grove PV Repair	\$ 6,120	0	\$ -	0.00%
15378	Naval Medical Center	\$ 340	0	\$ -	0.00%
15411	Arroyo at Baker Ranch	\$ 17,534	0	\$ -	0.00%
15449	SDGE Test Lab	\$ 7,842	0	\$ -	0.00%
15543	Full Swing Golf	\$ 198,965	0	\$ -	0.00%
15601	Walmart 17251 E. Foothill	\$ 960	0	\$ -	0.00%
15844	Green Build Energy	\$ 738	0	\$ -	0.00%
13756	Johnson ES IT Upgrade	\$ 243,614	1	\$ 8,558	3.51%
14050	Bishops School Temp Bldgs	\$ 81,309	1	\$ 30,444	37.44%
14569	Wildwood Solar 1	\$ 1,885,389	1	\$ 10,000	0.53%
14637	HP Design Studio	\$ 145,004	1	\$ 11,119	7.67%
15446	NMCS D Restore Pneumatic	\$ 2,172	1	\$ 330	15.19%
TRAIN1	Training Job 01	\$ 100,000	1	\$ 78,877	78.88%
11971	Red Bldg Core & Shell TI	\$ 54,400	1	\$ 2,565	4.72%
12264	Santiago CC Humanities Aq	\$ 81,100	1	\$ 21,379	26.36%
12410	Adelanto HS Increment 2	\$ 270,000	1	\$ 8,717	3.23%
12853	CSUSM - Quad	\$ 100,750	1	\$ (3,425)	-3.40%
12865	March AFB Bldg 100	\$ 31,000	1	\$ 2,785	8.98%
13002	CA Mens Colony Mental Hea	\$ 79,750	1	\$ 1,541	1.93%
13035	UCSD - SIO MESOM Lab	\$ 76,000	1	\$ 2,413	3.18%
13103	BEQ P-1067	\$ 155,000	1	\$ 2,400	1.55%
13154	Natural History Museum	\$ 40,500	1	\$ 24,500	60.49%
13156	UCSD Sverdrup Hall	\$ 22,250	1	\$ 1,477	6.64%
13163	UC Irvine CHAO Cancer Ctr	\$ 58,000	1	\$ (33,491)	-57.74%
13184	Coronado Dining Faci B794	\$ 35,000	1	\$ 2,120	6.06%
13202	Joshua Tree Elem School	\$ 67,000	1	\$ (8,060)	-12.03%
13203	Otis Booth Pavillion-NMH	\$ 21,500	1	\$ 2,470	11.49%
13233	650 Newport Ctr Office	\$ 213,200	1	\$ 8,170	3.83%
13234	670 Newport Ctr Prkng Str	\$ 22,000	1	\$ 8,620	39.18%
13258	Pico Rivera Metering Proj	\$ 18,925	1	\$ 1,246	6.58%
13271	TWDS Digital Studio Ctr	\$ 124,000	1	\$ 1,821	1.47%
13307	Otay Ranch Village #11	\$ 82,575	1	\$ (351)	-0.43%
13320	Pasadena Metering Project	\$ 7,300	1	\$ 2,050	28.08%
13349	KP Irvine Med Ctr 4th Flr	\$ 26,000	1	\$ 900	3.46%
13362	Emergency Operations Cent	\$ 30,950	1	\$ 2,362	7.63%
13392	P-1016 Comm Elec/Auto	\$ 21,000	1	\$ 2,070	9.86%
13393	P-1016 Armory	\$ 10,800	1	\$ 327	3.03%
13394	P-1016 Applied Inst Paral	\$ 28,000	1	\$ 201	0.72%
13396	P-1016 Warehouse	\$ 19,000	1	\$ 1,458	7.67%
13431	Kaiser Corona Data Center	\$ 42,850	1	\$ 765	1.79%
13435	Biosciences Ctr 2nd Fl TI	\$ 11,250	1	\$ 2,318	20.60%
13532	GA Bldg 3 Phase 2	\$ 23,700	1	\$ 1,108	4.68%
13541	UCSD Dr Chang Skaggs Pha,	\$ 4,500	1	\$ 879	19.53%

Baker Electric
Change Order History
For SD MACC

CONFIDENTIAL-- TRADE SECRET INFORMATION- §§6254(k), 6255; Evid. Code, §§1040 & 1060; and Civ. Code §3426 and et seq.

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13553	Kaiser Data Center BMS Up	\$ 186,945	1	\$ 1,049	0.56%
13564	Kaiser Rancho BernadoMOB	\$ 5,500	1	\$ 427	7.76%
13570	LAUSD Crenshaw High Schoo	\$ 17,500	1	\$ 1,521	8.69%
13577	Qualcomm Bldg BF	\$ 53,250	1	\$ 4,629	8.69%
13607	Rialto HS Cul A& EHS Eng	\$ 29,900	1	\$ 2,904	9.71%
13613	UCSD Ury Hall Fish Lab	\$ 3,075	1	\$ 483	15.71%
13664	AAA Palm Springs	\$ 11,250	1	\$ 5,871	52.19%
13679	UCSD Walk-In Freezer	\$ 7,000	1	\$ 996	14.23%
13693	Carlsberg LAX	\$ 8,000	1	\$ 1,750	21.88%
13712	Alchemy Controls	\$ 16,800	1	\$ 5,015	29.85%
13726	La Jolla Comm 820&880 TI	\$ 1,750	1	\$ 375	21.43%
13733	Blair House Central Plant	\$ 10,350	1	\$ 5,118	49.45%
13747	Language Arts Academy	\$ 21,000	1	\$ 4,181	19.91%
13748	Sorrento Val HVAC Upgrade	\$ 26,000	1	\$ 1,333	5.13%
13798	Quinn Caterpillar	\$ 52,000	1	\$ 475	0.91%
13811	Kaiser Bonita Bldg. C	\$ 5,900	1	\$ 1,750	29.66%
13820	CUSUMANO Plaza	\$ 16,650	1	\$ 474	2.85%
13827	Kaiser S Bay CUP Design	\$ 65,000	1	\$ 23,876	36.73%
13828	UCSD, SAS Multipurpose Rm	\$ 5,500	1	\$ 2,167	39.40%
13844	LAUSD University HS	\$ 115,000	1	\$ 4,954	4.31%
13883	CBP Long Beach-Lab Contrl	\$ 50,000	1	\$ 1,061	2.12%
13903	SCE G01 Law Group Remodel	\$ 35,000	1	\$ (3,850)	-11.00%
13909	Henry Mayo MOB	\$ 17,500	1	\$ 2,302	13.15%
13935	UCS DEI Chiller Upgrade	\$ 15,300	1	\$ 1,387	9.07%
13949	LAUSD Eagle Rock HS Smoke	\$ 7,700	1	\$ 1,504	19.53%
13961	CAC Water Front Park CP	\$ 34,025	1	\$ 362	1.06%
13962	Poway IV- Mt. Carmel	\$ 38,950	1	\$ 2,903	7.45%
13973	Rep Regim CP Bldg. 62448	\$ 24,250	1	\$ 625	2.58%
13976	CSMC Shuman Basement	\$ 14,000	1	\$ 692	4.94%
13984	NAB Coronado Rep Train Pl	\$ 9,260	1	\$ 783	8.46%
14032	CBP VFD Install	\$ 5,500	1	\$ 7,511	136.56%
14036	Disney Back Lot - 1	\$ 76,600	1	\$ 1,434	1.87%
14067	Anaheim Marriot Elevator	\$ 15,353	1	\$ 784	5.11%
14080	Jonas Salk Elem School	\$ 92,250	1	\$ 2,083	2.26%
14081	Cal Poly Pomona B24 & 25	\$ 19,550	1	\$ 468	2.39%
14099	Balboa Med Gas Repair	\$ 124,987	1	\$ 15,000	12.00%
14113	U.S. Bank Ascent 8th Flr.	\$ 3,500	1	\$ 290	8.29%
14121	Mt.Miguel HS Bldg. 700W	\$ 13,950	1	\$ 737	5.28%
14123	KP Rancho San Diego MOB	\$ 11,830	1	\$ (300)	-2.54%
14154	UCSD HMC Clinical Lab Ren	\$ 48,950	1	\$ (4,895)	-10.00%
14171	SCE GO3 Renovation	\$ 73,550	1	\$ 11,491	15.62%
14176	Griffin Towers Metering	\$ 6,900	1	\$ 3,264	47.30%
14182	Zodiac Aerospace	\$ 33,400	1	\$ 5,000	14.97%
14188	Chaparral HS	\$ 16,500	1	\$ (88)	-0.53%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14223	Disney Back Lot - 2	\$ 11,000	1	\$ 713	6.48%
14234	KP Kenyon Bldg. B	\$ 80,000	1	\$ 5,399	6.75%
14243	Mesa College	\$ 198,750	1	\$ 8,151	4.10%
14263	UCSD Fleet Vault	\$ 5,400	1	\$ 311	5.76%
14265	LAX T1-T3 Relocation	\$ 8,675	1	\$ 7,567	87.23%
14268	Henry Mayo MOB	\$ 20,000	1	\$ 3,070	15.35%
14274	FDA Energy Project	\$ 52,153	1	\$ 2,021	3.88%
14278	Grand Ave Parcel M	\$ 92,000	1	\$ 17,465	18.98%
14313	Los Alamitos MOB Shell	\$ 12,350	1	\$ 1,274	10.32%
14324	UCSD East Campus Central	\$ 67,650	1	\$ 6,386	9.44%
14327	CP P-114 Double Hangar	\$ 99,150	1	\$ 2,192	2.21%
14330	Henry Mayo Phase 2	\$ 27,725	1	\$ 808	2.91%
14344	Griffin Towers CP	\$ 30,000	1	\$ 3,672	12.24%
14382	Mira Costa CC Chem Lab	\$ 30,400	1	\$ 2,178	7.16%
14386	MCAS Miramar Bldg. 3322	\$ 29,650	1	\$ 590	1.99%
14392	CSMC EVS A712 & A740	\$ 5,600	1	\$ 3,690	65.89%
14419	Doubletree Downtown SD	\$ 43,234	1	\$ (2,121)	-4.91%
14444	KP Ontario CUP DDC Retrof	\$ 18,600	1	\$ 281	1.51%
14459	Hamilton ES Modernization	\$ 118,500	1	\$ 17,450	14.73%
14461	SDSU Storm/Nasatir Hall	\$ 12,600	1	\$ 2,542	20.17%
14464	USC SGM Lab Package C	\$ 198,500	1	\$ 1,000	0.50%
14468	Montebello USD-ES 2010	\$ 125,150	1	\$ 1,352	1.08%
14499	SDUSD Scripps Ranch HS	\$ 38,550	1	\$ 31,313	81.23%
14527	MCAS Energy Investment Pr	\$ 53,870	1	\$ 9,117	16.92%
14563	Oak Hills High School	\$ 211,438	1	\$ 2,296	1.09%
14570	SDG & E CP Annex	\$ 6,750	1	\$ 1,786	26.46%
14580	Vail Ranch Middle School	\$ 83,000	1	\$ 4,281	5.16%
14583	Vintage Hills Elem School	\$ 41,000	1	\$ 9,996	24.38%
14586	James L Day Middle School	\$ 59,000	1	\$ 14,518	24.61%
14589	SDSU Main CP Repairs	\$ 160,000	1	\$ 10,953	6.85%
14595	900 PCH HB CO System	\$ 950	1	\$ -	0.00%
14615	Dodger L-5 Executive Area	\$ 4,450	1	\$ -	0.00%
14618	La Jolla Commons 8th Flr.	\$ 3,965	1	\$ 265	6.68%
14631	Hesperia USD-Ranchero	\$ 120,745	1	\$ 9,976	8.26%
14654	Johnson ES	\$ 10,773	1	\$ 2,617	24.29%
14679	KP Anaheim	\$ 26,650	1	\$ 5,808	21.79%
14701	Reproductive Science TI	\$ 16,650	1	\$ 500	3.00%
14711	Solano Ave ES	\$ 15,645	1	\$ 1,441	9.21%
14717	LAUSD Hunting Park HS	\$ 27,000	1	\$ 771	2.86%
14732	Cox El Cajon	\$ 6,450	1	\$ (1,475)	-22.87%
14735	LAX DIPs 3, 4	\$ 22,000	1	\$ (9,750)	-44.32%
14741	Oliver Wendell Holmes	\$ 13,250	1	\$ 12,249	92.45%
14743	SCE Go4 Base Bldg.	\$ 161,000	1	\$ 31,009	19.26%
14764	SCE GO2 CP	\$ 40,000	1	\$ 12,335	30.84%

Baker Electric
Change Order History
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14771	Norvatis GTRI	\$ 59,150	1	\$ 1,698	2.87%
14785	Discovery Science CTR	\$ 18,150	1	\$ 1,510	8.32%
14815	KELLEY Elementary School	\$ 7,325	1	\$ 1,602	21.87%
14819	ELAC 5 Bldg. DDC Upgrade	\$ 177,612	1	\$ 4,545	2.56%
14838	Ruth Temple HC	\$ 24,835	1	\$ 4,507	18.15%
14873	Stevenson MS HVAC Repl.	\$ 27,130	1	\$ (278)	-1.02%
14882	VA S.D. Endoscope	\$ 5,850	1	\$ 800	13.68%
14978	Citibank Century City	\$ 5,050	1	\$ 5,130	101.58%
15006	Corona Naval Weapons	\$ 42,000	1	\$ 3,265	7.77%
15010	UCSD Mayer Hall	\$ 4,730	1	\$ (1,180)	-24.95%
15014	Palomar College CDC	\$ 28,500	1	\$ 853	2.99%
15022	Scripps Cardio Mech	\$ 4,929	1	\$ 3,925	79.63%
15029	Balboa NMC Ophthalmology	\$ 40,900	1	\$ 1,250	3.06%
15047	Sedgwick TI	\$ 18,500	1	\$ 892	4.82%
15052	SCE Go4 Air Handlers	\$ 57,485	1	\$ 2,951	5.13%
15058	LAVC Athletic Facility	\$ 52,550	1	\$ 2,143	4.08%
15104	March AFB B2314	\$ 39,000	1	\$ 919	2.36%
15127	UCSD CMM	\$ 2,100	1	\$ 753	35.86%
15175	Rialto HS PH2	\$ 82,850	1	\$ 5,587	6.74%
15210	BUSD Jordan MS	\$ 101,350	1	\$ 35,381	34.91%
15216	Rialto HS High Voltage	\$ 14,867	1	\$ 3,416	22.98%
15283	Irvine Centerstone MOB	\$ 83,500	1	\$ 6,591	7.89%
15306	Christ Cathedral CC CP	\$ 6,650	1	\$ -	0.00%
15308	Christ Cathedral Pastoral	\$ 6,850	1	\$ -	0.00%
15312	Christ Cathedral	\$ 56,000	1	\$ 8,302	14.83%
15355	BUSD Jefferson ES	\$ 61,085	1	\$ 16,435	26.91%
15374	Fairmont Hotel	\$ 61,400	1	\$ 338	0.55%
15392	VAFB Vet Clinic	\$ 32,600	1	\$ 1,830	5.61%
15408	St. Jude NW Tower GI	\$ 6,175	1	\$ (1,500)	-24.29%
15491	Summit RB Bldg. 5	\$ 18,050	1	\$ 1,200	6.65%
15493	LASC Central Plant Mod	\$ 39,590	1	\$ 3,935	9.94%
15539	LAMC Instructional Bldg	\$ 2,485	1	\$ 2,040	82.09%
15589	Red Bull Central	\$ 18,250	1	\$ 1,678	9.19%
15640	401 Mile of Cars Way	\$ 29,500	1	\$ 646	2.19%
15648	SDSU Gateway Ctr CHW &	\$ 2,795	1	\$ 6,067	217.07%
15652	NGS SOGA Bldg 902	\$ 5,265	1	\$ 481	9.14%
15654	Med Impact	\$ 15,500	1	\$ 1,473	9.50%
15700	24 HR Fitness Cooling	\$ 8,650	1	\$ 1,757	20.31%
15764	Bell Senior High School	\$ 11,150	1	\$ 2,500	22.42%
15873	Accenture Security Proj.	\$ 7,125	1	\$ 1,306	18.33%
12307	Restore Mech Sys in B600	\$ 590,000	1	\$ 22,500	3.81%
12708	CP Area 21 Proj/WIFI/Elect	\$ 34,200	1	\$ 35,665	104.28%
12839	Calexico LPOE Site Prep	\$ 82,500	1	\$ 25,928	31.43%
13131	PEC Gantry Crane	\$ 77,430	1	\$ 3,577	4.62%

Baker Electric
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13168	PEC Bridge Crane	\$ 103,202	1	\$ 1,155	1.12%
13172	PEC HRSG1 Elevator	\$ 48,450	1	\$ 390	0.80%
13183	UCSD Mandeville Ctr AHU R	\$ 12,742	1	\$ 25,011	196.29%
13465	Knox MS New Classroom	\$ 22,228	1	\$ 3,200	14.40%
13685	Biomed Realty Coast 9	\$ 195,690	1	\$ 7,381	3.77%
13696	GA B1 Ceiling Asbestos	\$ 38,242	1	\$ (89)	-0.23%
13706	Realty Income TI	\$ 43,205	1	\$ 3,096	7.17%
13707	Blue Star Gas DHL	\$ 9,635	1	\$ 3,250	33.73%
13814	CSUSB Ext. Light Upgrades	\$ 2,500,000	1	\$ 497,105	19.88%
13815	NASNI - Bldg 601	\$ 8,400	1	\$ 1,825	21.73%
13852	SDSU Steam Utility Infra	\$ 64,975	1	\$ 44,521	68.52%
13882	PEC Gantry Crane Assembly	\$ 14,785	1	\$ 10,000	67.64%
13911	VFD Install Exhaust Fans	\$ 5,800	1	\$ 10,400	179.31%
14010	BSCC Call Center Optimiza	\$ 53,600	1	\$ 13,229	24.68%
14030	PUSD Mt. Carmel HS CPU	\$ 65,000	1	\$ 17,840	27.45%
14058	Safari Outfitters Sub-Sta	\$ 107,795	1	\$ 1,372	1.27%
14095	Mountain View SCE Service	\$ 88,680	1	\$ 9,220	10.40%
14114	BMR Generator Ber Ctr	\$ 95,820	1	\$ 5,042	5.26%
14120	GA Bldg. 1 Second Floor	\$ 35,858	1	\$ 3,433	9.57%
14130	Gateway One Corp Plaza Re	\$ 41,525	1	\$ 7,680	18.49%
14191	HP Cyber -Phase IV	\$ 8,902	1	\$ 144	1.62%
14202	GA B-33 Clean Room	\$ 12,996	1	\$ 8,590	66.10%
14214	Alcon AC Replacement	\$ 97,200	1	\$ 20,265	20.85%
14235	Oxnard Schools Phase 11	\$ 24,500	1	\$ 20,356	83.09%
14317	FDA Energy Project	\$ 336,407	1	\$ (15,500)	-4.61%
14362	B18 Executive Suite TI	\$ 12,736	1	\$ 3,058	24.01%
14379	Lamb Canyon Landfill	\$ 19,650	1	\$ 329	1.68%
14391	Cal Optima Cooling Twr Ad	\$ 17,000	1	\$ 918	5.40%
14507	San Dieguito UHSD-Phase 2	\$ 150,863	1	\$ (2,571)	-1.70%
14516	Install 2A Fan VFD	\$ 3,840	1	\$ 984	25.63%
14558	PFAU Library Data Ctr UPS	\$ 198,000	1	\$ 46,135	23.30%
14592	Great Oaks High Admin Off	\$ 19,500	1	\$ 2,794	14.33%
14652	Palomar B-T Finishing Rm	\$ 24,142	1	\$ 1,000	4.14%
14655	LAC-ISD Challenger Youth	\$ 11,153	1	\$ 231,571	2076.31%
14716	Pala Casino CS Project	\$ 16,900	1	\$ 1,500	8.88%
14746	Cymer Pulse Command Ctr	\$ 9,455	1	\$ 3,250	34.37%
14768	Upgrade Security Access	\$ 13,395	1	\$ 960	7.17%
14778	GA-ASI B2 SCIF	\$ 14,758	1	\$ 500	3.39%
14803	157 Technology	\$ 2,800	1	\$ 2,600	92.86%
14810	UCSD Pac Hall AHU Replace	\$ 54,600	1	\$ 7,885	14.44%
14847	State College (Brea)	\$ 9,500	1	\$ 382	4.02%
14854	Upgrade Feeder to LC-6	\$ 196,370	1	\$ 48,460	24.68%
14883	HDM Design Build	\$ 89,000	1	\$ 2,549	2.86%
15027	Forward Air Electrical	\$ 12,840	1	\$ -	0.00%

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15028	Hitachi Data Systems	\$ 76,592	1	\$ (813)	-1.06%
15051	GA Bldg G07	\$ 30,980	1	\$ -	0.00%
15055	UCSD Thornton	\$ 18,680	1	\$ 3,293	17.63%
15150	Sports Arena	\$ 23,800	1	\$ 1,600	6.72%
15182	HCP 2nd Floor	\$ 7,724	1	\$ 5,266	68.18%
15252	UCSD EBU 1 Lab	\$ 12,576	1	\$ 20,976	166.79%
15257	County of Orange	\$ 127,500	1	\$ (500)	-0.39%
15316	John Hancock - Landmark	\$ 28,400	1	\$ 2,500	8.80%
15324	Hunter Ind Chiller Upgrad	\$ 29,600	1	\$ 2,392	8.08%
15354	Los Alamitos HS Chiller	\$ 26,350	1	\$ 8,490	32.22%
15371	HCP GDX 2nd Fl	\$ 2,870	1	\$ 1,050	36.59%
15460	Disney Plaza Inn BOH	\$ 6,565	1	\$ 662	10.08%
15468	SJC Radiology	\$ 41,718	1	\$ 381	0.91%
15528	27 Technology Rooftop	\$ 11,450	1	\$ 3,819	33.35%
15620	Kaiser MVMC Cardio	\$ 1,300	1	\$ 3,453	265.65%
15683	B34 RR 15Kv Cutler Hamme	\$ 23,950	1	\$ 2,779	11.60%
15743	B5 Electric to Roll Up	\$ 4,138	1	\$ 3,900	94.25%
15782	JCI Office Lighting	\$ 56,500	1	\$ 4,913	8.70%
13323	Village Lindo Paseo	\$ 310,706	1	\$ 510	0.16%
13666	Melvin Garb Hillel Center	\$ 108,450	1	\$ 3,160	2.91%
14224	Voelker Real Estate Holdi	\$ 171,675	1	\$ (3,750)	-2.18%
14428	Our Mother of Confidence	\$ 188,850	1	\$ (840)	-0.44%
14435	RSD Hilton Head/AMS Plast	\$ 388,710	1	\$ (2,840)	-0.73%
14514	LT Farms	\$ 326,000	1	\$ 31,700	9.72%
14548	Jobsite Supply	\$ 164,805	1	\$ 7,955	4.83%
14565	SCAQMD Bubbling Wells ES	\$ 283,495	1	\$ 6,800	2.40%
14646	Bear Garden Investments	\$ 1,306,740	1	\$ 19,601	1.50%
14759	San Diego Food Bank	\$ 913,822	1	\$ (325)	-0.04%
14766	Kansas City VA	\$ 2,840,608	1	\$ (30,166)	-1.06%
14859	Anesthesia Svcs Medical	\$ 331,310	1	\$ 10,480	3.16%
14954	Del Cerro Baptist Church	\$ 179,487	1	\$ (773)	-0.43%
14956	Matrix Enterprises	\$ 145,125	1	\$ 79,825	55.00%
14958	Dutek 2220 Oak Ridge Way	\$ 385,605	1	\$ 750	0.19%
13423	SCE MEER Test/Maint Bldg	\$ 988,800	2	\$ 37,275	3.77%
13742	UC Riverside Clean Room	\$ 408,088	2	\$ 10,967	2.69%
14437	FA Replac N Broadway ES	\$ 326,200	2	\$ 3,823	1.17%
14492	Cobham Mezzanine TI	\$ 8,601	2	\$ 15,253	177.34%
14744	SEPV Palmdale East	\$ 1,241,961	2	\$ 85,183	6.86%
15405	Alexan Temp Power - Early	\$ 45,955	2	\$ 7,606	16.55%
12657	LA County HS for the Arts	\$ 33,700	2	\$ 4,496	13.34%
12688	Sagecreek HS CUSD	\$ 92,500	2	\$ 19,028	20.57%
12914	UCSD Stein Clinic Bld VAV	\$ 129,000	2	\$ 15,250	11.82%
13027	29 Palms Bid Pack 4 Ph 2	\$ 603,841	2	\$ (9,048)	-1.50%
13133	Greenfield Middle School	\$ 31,000	2	\$ 4,458	14.38%

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13297	Los Amigos Elementary Sch	\$ 64,600	2	\$ 1,900	2.94%
13304	LAX Marriott-HVAC Control	\$ 112,000	2	\$ 11,883	10.61%
13313	VA Hospital 5 West	\$ 29,605	2	\$ 3,277	11.07%
13360	CP Battalion HQ/Aid Stat	\$ 76,000	2	\$ 3,715	4.89%
13380	Spurgeon Intermediate Sch	\$ 78,865	2	\$ (7,348)	-9.32%
13485	CSUSM Student Union	\$ 83,750	2	\$ 1,985	2.37%
13516	CP Brig Bldg 24100 T&M	\$ 9,750	2	\$ 11,465	117.59%
13580	SRCC Carpenters Training	\$ 68,850	2	\$ 695	1.01%
13636	LA Nat Hist Museum Travel	\$ 13,750	2	\$ 7,605	55.31%
13719	Qualcomm AC	\$ 87,700	2	\$ 6,612	7.54%
13804	Jimbo's Horton Plaza	\$ 20,500	2	\$ 3,779	18.43%
13928	PUSD #39	\$ 148,976	2	\$ 8,262	5.55%
13929	UCSD Canyon Vista CP-HWS	\$ 11,250	2	\$ 8,331	74.05%
13930	Poway IV- RBHS	\$ 215,524	2	\$ (6,469)	-3.00%
13998	TMMC Fuel Oil Systems	\$ 42,000	2	\$ 12,871	30.65%
14024	CP Mess Hall Bldg. 13100	\$ 20,900	2	\$ 7,176	34.33%
14068	Montgomery HS Gym	\$ 63,400	2	\$ 21,878	34.51%
14088	Porcupine Properties	\$ 91,825	2	\$ 17,938	19.53%
14146	UCSD Telecom Node M	\$ 6,350	2	\$ 1,369	21.56%
14184	LMU Life Sciences Bldg	\$ 167,250	2	\$ 7,670	4.59%
14287	Biola University CP	\$ 55,000	2	\$ 11,628	21.14%
14332	Rowland Heights Comm. Ctr	\$ 38,500	2	\$ 1,381	3.59%
14345	VA Administration Buildin	\$ 38,600	2	\$ 2,345	6.08%
14414	Bobrick HQ Facility	\$ 47,380	2	\$ 1,817	3.83%
14447	KP Indian Hill MOB	\$ 32,775	2	\$ 9,337	28.49%
14460	SF Valley support Center	\$ 419,391	2	\$ 11,704	2.79%
14475	VA Las Vegas	\$ 71,650	2	\$ 26,816	37.43%
14540	KP Ontario CUP Flow Meter	\$ 1,900	2	\$ 4,643	244.37%
14576	French Valley Elem School	\$ 93,000	2	\$ 23,882	25.68%
14597	Energy Investment Proj	\$ 49,250	2	\$ 6,842	13.89%
14691	Los Padrinos JH BMS	\$ 130,075	2	\$ 4,639	3.57%
14707	NG B905 HVAC Upgrade	\$ 35,225	2	\$ 5,325	15.12%
14745	DB Child Youth Support	\$ 31,750	2	\$ 105,950	333.70%
14761	Kaiser Huntington Beach	\$ 102,926	2	\$ 4,236	4.12%
14791	Sempre Energy HQ TI	\$ 143,275	2	\$ 17,433	12.17%
14891	LAVC Monarch Center	\$ 70,000	2	\$ 4,944	7.06%
15002	Scattergood Panel	\$ 7,769	2	\$ 11,553	148.71%
15094	HHSA County Bldg. TI	\$ 48,750	2	\$ 7,075	14.51%
15098	Marina Bus. Center	\$ 13,725	2	\$ 3,271	23.83%
15110	CPWH Campus Optimazation	\$ 63,250	2	\$ 4,795	7.58%
15263	Buena Vista ES	\$ 5,600	2	\$ 761	13.59%
15278	La Mirada MOB	\$ 16,000	2	\$ 6,072	37.95%
15327	Hunter Industries CP	\$ 27,325	2	\$ 2,886	10.56%
12920	B-678 Renovate	\$ 85,434	2	\$ 14,566	17.05%

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13092	Sharp Wellness @ 300 Fir	\$ 38,702	2	\$ 103,474	267.36%
13467	Scripps Burtec Parking Lt	\$ 159,900	2	\$ 9,581	5.99%
13491	Knox MS Other System Clas	\$ 54,728	2	\$ 2,400	4.39%
13581	NWS Seal Beach RV Storage	\$ 94,326	2	\$ (4,389)	-4.65%
13622	B14-Pocket Video Server	\$ 20,568	2	\$ 18,199	88.48%
13768	Meketa Inv Grp Expansion	\$ 39,510	2	\$ 370	0.94%
13789	P114 Hanger Temp Cmplx	\$ 348,000	2	\$ 6,605	1.90%
14101	Guard House DLA Compound	\$ 77,670	2	\$ 1,405	1.81%
14125	Eastlake Church Renovatio	\$ 57,300	2	\$ 52,088	90.90%
14200	HVAC MACC X037 B631,2&4	\$ 212,552	2	\$ 31,696	14.91%
14201	Medical Air Gas Comp Sys	\$ 9,640	2	\$ 7,171	74.39%
14220	SCE Long Beach TI	\$ 89,200	2	\$ 8,750	9.81%
14262	Burroughs HS PAC Chiller	\$ 51,600	2	\$ 5,125	9.93%
14337	GWCC Lighting Retrofit	\$ 189,000	2	\$ (1,539)	-0.81%
14354	SD Safari Park MV	\$ 25,080	2	\$ 8,292	33.06%
14688	Tideland Energy Efficienc	\$ 200,081	2	\$ 10,620	5.31%
14830	Newport Gateway	\$ 11,500	2	\$ 2,403	20.90%
14900	Replace End of Life HVAC	\$ 48,500	2	\$ 20,672	42.62%
14923	Raymond Cree MS	\$ 69,500	2	\$ 26,194	37.69%
14950	Jamboree 1 & 2 Park Plaza	\$ 20,040	2	\$ 12,090	60.33%
14952	LA County ISD Alhambra	\$ 4,865	2	\$ 4,078	83.82%
15037	John Hancock- TELESIS	\$ 34,900	2	\$ 16,510	47.31%
15206	UCSD 64 Degrees	\$ 39,378	2	\$ 18,431	46.81%
15352	RADF DHW HHW	\$ 11,844	2	\$ 4,308	36.37%
15423	Geisel Library	\$ 5,600	2	\$ 3,100	55.36%
15470	LPM-LA Palma 3rd Floor	\$ 60,930	2	\$ 2,016	3.31%
15663	Disney FY15 - Project	\$ 31,370	2	\$ 2,478	7.90%
15671	UCSD Amy Non Lab	\$ 43,050	2	\$ 8,591	19.96%
12607	Jacob Wiens Elementary Sch	\$ 97,096	2	\$ 15,527	15.99%
12818	San Diego VA Medical Cent	\$ 508,258	2	\$ 121,545	23.91%
13205	P1014 Truck Ops.	\$ 1,498,000	2	\$ (528,051)	-35.25%
13780	Grand Junction-VAMC Solar	\$ 4,481,591	2	\$ (4,765)	-0.11%
14162	Dupaco Inc.	\$ 537,610	2	\$ (5,687)	-1.06%
14690	Hunter Industries	\$ 748,000	2	\$ (153,175)	-20.48%
14955	Jewish Federation	\$ 651,380	2	\$ 77,642	11.92%
12347	P1019 Counter Batt Radar	\$ 1,640,000	3	\$ (16,805)	-1.02%
12765	QOL P163 Parking Garage	\$ 30,000	3	\$ 300,868	1002.89%
13755	Sevick School IT Upgrade	\$ 103,202	3	\$ 9,369	9.08%
13760	Chase ES IT Upgrade	\$ 271,636	3	\$ 35,295	12.99%
13761	Emerald MS IT Upgrade	\$ 216,097	3	\$ 5,927	2.74%
14014	Valley View Carpet Change	\$ 5,685	3	\$ 238,375	4193.30%
14316	Pechanga Jacuzzi Suites	\$ 113,001	3	\$ 11,802	10.44%
14420	3033 Wilshire	\$ 74,000	3	\$ 46,028	62.20%
14568	Pumpjack Solar	\$ 1,896,136	3	\$ 15,287	0.81%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14962	Earl Warren MS	\$ 390,000	3	\$ 48,031	12.32%
12179	LACC MColl Media Arts Cen	\$ 74,500	3	\$ (74,500)	-100.00%
12932	Presidio Monterey 2 Bldgs	\$ 207,000	3	\$ 24,470	11.82%
12935	UCSD Thornton Cafeteria E	\$ 5,600	3	\$ 1,309	23.38%
12969	UCSD Geisel Library Vigil	\$ 209,000	3	\$ 15,188	7.27%
13405	Palomar College Bldg T Re	\$ 31,500	3	\$ 6,157	19.55%
13504	St Monica Community Cente	\$ 40,000	3	\$ 22,774	56.94%
13534	UCSD Galbraith Hall Renov	\$ 38,750	3	\$ 23,804	61.43%
13579	Pratt Whitney Bldg 112	\$ 89,800	3	\$ 19,798	22.05%
13612	Kaiser Otay Mesa- MOB Net	\$ 16,280	3	\$ 4,190	25.74%
13886	SCE GO 5 Central Plant	\$ 13,465	3	\$ 5,322	39.52%
13902	SCE GO1 Central Plant	\$ 25,325	3	\$ 16,930	66.85%
13931	CP P-109 CNATT Complex	\$ 146,450	3	\$ 7,126	4.87%
13950	Hoag Hospital MOB	\$ 19,600	3	\$ 5,530	28.21%
13971	UCSD Cognitive Science	\$ 34,550	3	\$ 5,450	15.77%
14046	Melinda ES	\$ 76,500	3	\$ 10,855	14.19%
14051	Foothill Ranch ES	\$ 77,400	3	\$ 22,301	28.81%
14328	LA AFB DDC Retrofit	\$ 82,500	3	\$ 2,578	3.12%
14346	SCE GO1 Retrofit	\$ 520,000	3	\$ 143,208	27.54%
14394	CSMC Bio Bank TRF	\$ 59,750	3	\$ 7,653	12.81%
14403	Summit RB Buildout	\$ 60,950	3	\$ 12,572	20.63%
14427	UCSD Pac Hall	\$ 14,900	3	\$ 6,153	41.30%
14623	McMaster-Carr Office Exp	\$ 30,600	3	\$ 6,851	22.39%
14687	Scattergood Whs & Unit 3	\$ 25,000	3	\$ 24,819	99.28%
14696	Disney GCAT Renovation	\$ 30,250	3	\$ 16,994	56.18%
14714	Carlsbad Desalination	\$ 39,100	3	\$ 2,559	6.54%
14767	Red Bull HQ	\$ 53,300	3	\$ 19,793	37.14%
15018	SDG&E CP3 3rd FLR. TI	\$ 6,740	3	\$ 19,247	285.56%
15100	UCSD NAE Upgrade PH2	\$ 29,000	3	\$ 11,082	38.21%
15183	BUSD Luther Burbank MS	\$ 123,000	3	\$ 57,554	46.79%
13417	Kroc MS Perfor & MediArts	\$ 260,218	3	\$ 12,879	4.95%
13543	Renovate B-55 NBSD	\$ 31,230	3	\$ 8,231	26.36%
14170	SDSU Steam Utility	\$ 408,413	3	\$ (7,061)	-1.73%
14196	UCSD Pacific Hall Steam	\$ 15,290	3	\$ 11,506	75.25%
14453	MCAS Miramar Task Ord 004	\$ 809,600	3	\$ 52,886	6.53%
12606	Hemet High School Stadium	\$ 74,810	3	\$ 19,500	26.07%
12609	Nutrition Center	\$ 174,565	3	\$ 15,764	9.03%
12615	Cottonwood School	\$ 129,514	3	\$ 22,361	17.27%
14264	ViaSat Carlsbad Bldg.	\$ 118,500	3	\$ 10,319	8.71%
14309	Harbro Solar System	\$ 390,461	3	\$ (11,032)	-2.83%
14692	Desert Hot Springs HS	\$ 336,000	3	\$ 9,987	2.97%
15034	SunEd-AP North Lake Solar	\$ 1,841,830	3	\$ 366,067	19.88%
12401	P-174 Marine Meteorology	\$ 1,478,092	4	\$ 138,091	9.34%
13540	NMC Bldg 1H HVAC upgrd-1	\$ 571,776	4	\$ 113,166	19.79%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13754	Bostonia ES IT Upgrade	\$ 302,637	4	\$ 5,828	1.93%
13759	Magnolia ES IT Upgrade	\$ 309,125	4	\$ 11,487	3.72%
13762	WD Hall ES IT Upgrade	\$ 303,950	4	\$ 24,755	8.14%
12864	March AFB Bldg 470	\$ 40,000	4	\$ 14,012	35.03%
12880	UCSD Jacobs Medical Centr	\$ 29,000	4	\$ 5,044	17.39%
12987	UCSD Thornton EO Overflow	\$ 8,500	4	\$ 3,503	41.21%
12994	Seal Beach Fire Station	\$ 12,500	4	\$ 3,510	28.08%
13113	Scripps Cardio Vas Isolat	\$ 41,100	4	\$ 21,831	53.12%
13460	Cedar Sinai MC 8th Pathol	\$ 35,200	4	\$ 4,064	11.55%
13672	TGS Office Bldg. Fitness	\$ 10,800	4	\$ 5,080	47.04%
13781	Sharp Central Twr 4th Flr	\$ 17,000	4	\$ 6,147	36.16%
13792	Rambur Hall-BEQ B3185 Ret	\$ 320,000	4	\$ 16,109	5.03%
13958	CSMC GI Remodel	\$ 41,250	4	\$ 9,415	22.82%
13972	CP P-1043 (NRTTP)	\$ 49,900	4	\$ 15,113	30.29%
14152	UCSD Cancer Ctr IWH-DWH	\$ 5,200	4	\$ 5,217	100.33%
14186	Kaiser Otay Pneumatic Upg	\$ 19,450	4	\$ 6,431	33.06%
14348	SANDAG S Bay -HVAC	\$ 57,600	4	\$ 12,271	21.30%
14351	Dodger Clubhouse/Concessn	\$ 21,500	4	\$ 5,555	25.84%
14376	9th & Broadway	\$ 29,500	4	\$ 7,009	23.76%
14430	Millikan Lab & Andrew Sci	\$ 213,500	4	\$ (25,295)	-11.85%
14441	KP Montclair MHC	\$ 11,250	4	\$ 8,929	79.37%
14450	KP Rancho Cucamonga MOB	\$ 50,650	4	\$ 22,900	45.21%
14630	Sempre HQ	\$ 119,850	4	\$ 14,560	12.15%
15004	Petersen Auto Museum Ph3	\$ 88,000	4	\$ 64,302	73.07%
15402	Internap Chiller	\$ 30,525	4	\$ 41,295	135.28%
15418	Kaiser San Dimas	\$ 20,500	4	\$ 32,485	158.46%
12804	UCSD Stein Clinic	\$ 282,863	4	\$ 63,319	22.39%
13496	SDG&E Bldg 2 T.I.	\$ 50,000	4	\$ 17,536	35.07%
13585	VA Hospital EM Room Ph 2	\$ 41,780	4	\$ 2,170	5.19%
13892	UCSD Blake Hall Fire/Life	\$ 612,648	4	\$ 259,362	42.33%
14048	Gellan Dewatering Screens	\$ 236,822	4	\$ 71,900	30.36%
14215	SCE Whittier TI	\$ 128,557	4	\$ 59,738	46.47%
15487	Hubbs Hall Chiller	\$ 32,500	4	\$ 25,217	77.59%
12605	Harmony Elementary School	\$ 167,530	4	\$ 39,512	23.59%
12608	Mc Sweeny Elementary Sch	\$ 117,048	4	\$ 16,785	14.34%
12610	PDSC	\$ 114,867	4	\$ 12,802	11.15%
12614	Winchester Elementary Sch	\$ 102,874	4	\$ 10,788	10.49%
12616	Valle Vista Elementray Sc	\$ 119,641	4	\$ 3,493	2.92%
13531	Lancaster Prison PV	\$ 1,489,260	4	\$ 207,382	13.93%
14899	Nativity Catholic Church	\$ 370,295	4	\$ 27,272	7.36%
14657	Maricopa West Solar Proj.	\$ 4,832,047	4	\$ 91,828	1.90%
15596	First Republic Bank	\$ 123,651	4	\$ (6,880)	-5.56%
12856	Palomar Humanities Bldg	\$ 3,421,000	5	\$ 258,819	7.57%
12948	Palomar College TLC	\$ 395,000	5	\$ (7,194)	-1.82%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14850	Panasonic	\$ 1,753,738	5	\$ 126,946	7.24%
12310	Naval Base Coro BEQ P-742	\$ 164,475	5	\$ 124,579	75.74%
12457	Bob Hope Patriotic Hall	\$ 92,000	5	\$ 55,423	60.24%
12631	Barstow Community Hosp	\$ 131,625	5	\$ 19,790	15.04%
13157	KP Moreno Valley Iris MOB	\$ 90,000	5	\$ 25,891	28.77%
13513	Rady Child Hosp Psychiat	\$ 9,350	5	\$ 6,982	74.67%
13813	Burbank Annex Upgrade	\$ 17,350	5	\$ 8,984	51.78%
14479	MACC PTO X 037	\$ 232,267	5	\$ 49,781	21.43%
14798	Otay-TJ Cross Border Fac.	\$ 144,700	5	\$ 1,248	0.86%
13310	PEC Eng, Furn & Inst	\$ 803,583	5	\$ 47,231	5.88%
13355	UCSD MC Hillcrest Mod Ele	\$ 54,900	5	\$ 42,603	77.60%
13509	B500 Pt Loma Rep Roof & R	\$ 240,000	5	\$ 33,008	13.75%
14038	HVAC/DDC Replacement	\$ 546,480	5	\$ 231,275	42.32%
14765	La Jolla Global Connect	\$ 32,287	5	\$ 9,763	30.24%
14782	SCE Pomona TSD	\$ 62,540	5	\$ 10,915	17.45%
14851	Sharp Rees Stealy	\$ 283,500	5	\$ 31,755	11.20%
14888	Four Points By Sheraton	\$ 165,600	5	\$ 122,337	73.88%
15086	UCSD Deep Sea	\$ 243,500	5	\$ 41,529	17.06%
15391	Marine Corps Air Station	\$ 132,000	5	\$ 16,579	12.56%
12601	Cawston Elementary Sch	\$ 178,675	5	\$ 10,727	6.00%
12602	Dartmouth Middle School	\$ 206,147	5	\$ 15,440	7.49%
12604	Fruitvale Elementary Sch	\$ 203,213	5	\$ 5,385	2.65%
12612	Tahquitz High School	\$ 1,274,263	5	\$ 161,646	12.69%
13596	Anaheim Reg Trans Intermo	\$ 566,500	5	\$ 6,655	1.17%
13779	J Craig Venter Institute	\$ 458,050	5	\$ 130,678	28.53%
14852	Catalina 2 Solar	\$ 2,076,300	5	\$ 154,929	7.46%
14015	AVSR Module Installation	\$ 3,675,000	6	\$ 151,528	4.12%
12639	UCSD Rady Sch Mgmt Ph 2	\$ 67,325	6	\$ 13,674	20.31%
12647	Adelanto Detention Ctr Ex	\$ 565,000	6	\$ 439,451	77.78%
13816	Customs & Border Patrol	\$ 114,925	6	\$ 8,277	7.20%
13843	UCSD Central Research Svc	\$ 97,180	6	\$ 38,652	39.77%
13846	J & J Strobic Fans	\$ 132,650	6	\$ 34,669	26.14%
14628	SD County Women's Det PH2	\$ 151,820	6	\$ 1,952	1.29%
14166	Fredericka Manor Med Ctr	\$ 250,159	6	\$ 12,910	5.16%
12603	Diamond Valley Middle Sch	\$ 277,601	6	\$ 42,184	15.20%
12611	Rancho Viejo Middle Schol	\$ 267,837	6	\$ 82,119	30.66%
12613	West Valley High School	\$ 1,136,470	6	\$ 380,167	33.45%
15472	Walmart, Chino	\$ 510,100	6	\$ 67,058	13.15%
14378	Columbia Solar Energy Prj	\$ 4,907,165	6	\$ 274,043	5.58%
14793	Alamo Solar	\$ 5,370,000	6	\$ 427,658	7.96%
13571	BEQ 41371 Renovation	\$ 1,344,759	7	\$ 224,439	16.69%
14781	Restore Ophthalmology Dpt	\$ 955,000	7	\$ 111,100	11.63%
13255	San Marcos High School	\$ 396,500	7	\$ 55,454	13.99%
14205	KP Ontario ASC	\$ 121,000	7	\$ 7,134	5.90%

Baker Electric
Change Order History
For SD MACC

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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
14491	Gilead Sciences 4039 Ph C	\$ 35,150	7	\$ 17,374	49.43%
12600	Bautista Creek ES	\$ 224,169	7	\$ 51,508	22.98%
13836	Deconstruct ABL Facilit	\$ 796,101	8	\$ 55,806	7.01%
14406	San Dieguito Academy	\$ 155,000	8	\$ 66,307	42.78%
14639	Antelope West-Acacia	\$ 3,731,601	8	\$ 2,507,126	67.19%
12887	Kaiser MOB San Marcos	\$ 108,470	8	\$ 99,859	92.06%
12964	Scripps Cardio Inst Med G	\$ 164,500	8	\$ 11,716	7.12%
13778	Kaiser San Marcos Backfil	\$ 13,250	8	\$ 14,026	105.86%
12541	VA Hospital Em Rm Remodel	\$ 498,352	8	\$ 71,429	14.33%
14471	UCSD- MCH 410 Dickson Bld	\$ 148,000	8	\$ 12,934	8.74%
11894	General Instruction Facil	\$ 1,872,735	9	\$ 66,253	3.54%
12058	EMWD TVRWRF Effluent	\$ 820,625	9	\$ 41,737	5.09%
12975	P-578 Van Pad	\$ 3,376,686	9	\$ 288,969	8.56%
14084	Pechanga Casino	\$ 489,079	9	\$ 89,104	18.22%
14695	2.5 MVA Battery Storage	\$ 418,000	9	\$ 75,087	17.96%
12087	Cedars-Sinai AHSP	\$ 402,000	9	\$ 213,595	53.13%
12177	UCSD Structures Bldg	\$ 414,000	9	\$ 26,148	6.32%
12743	Alhambra Data Center SCE	\$ 375,850	9	\$ 122,360	32.56%
13171	J Craig Venter Inst-La Jo	\$ 270,000	9	\$ 28,555	10.58%
13915	LJ Commons LPL Financial	\$ 67,664	9	\$ 15,784	23.33%
14320	Sharp Mesa Vista Hospital	\$ 41,450	9	\$ 20,940	50.52%
14501	UCSD Revelle Plaza Cafe R	\$ 53,175	9	\$ 15,094	28.38%
14725	HCP Life Science	\$ 382,000	9	\$ 133,820	35.03%
13978	National City MS Ph 2	\$ 1,292,800	10	\$ 671,647	51.95%
13345	La Jolla Commons-Ph 2	\$ 344,000	10	\$ 14,370	4.18%
13158	PPH Ramona MOB	\$ 179,096	10	\$ 36,553	20.41%
15297	SEPV 18 Solar	\$ 385,264	10	\$ 83,763	21.74%
12290	GC Griffin Center/Student	\$ 4,384,397	11	\$ 327,986	7.48%
12825	ECS TEMF Fort Hunter Ligg	\$ 2,250,520	11	\$ 160,344	7.12%
13372	Encanto Elementary School	\$ 695,180	11	\$ (11,959)	-1.72%
13410	New Classr Bldg Lang Acad	\$ 839,000	11	\$ 8,499	1.01%
15107	Hoehn Audi Carlsbad	\$ 772,000	12	\$ 155,219	20.11%
15164	Valhalla HS	\$ 765,000	12	\$ 25,970	3.39%
13120	PYLUSD Perf Arts Yorba Li	\$ 8,000	13	\$ 1,914,590	23932.38%
13424	Par-Red Bluff Substa MEER	\$ 969,600	13	\$ 48,444	5.00%
14207	Restore General Surgery	\$ 1,402,000	13	\$ 184,084	13.13%
11858	Childrens Hospital of OC	\$ 760,000	13	\$ 215,139	28.31%
13169	UCSD Bonner Hall VAV Conv	\$ 297,000	13	\$ 67,903	22.86%
12758	PE 1203M Rep Brig B-24100	\$ 865,700	14	\$ 132,765	15.34%
14445	Lost Hills & Blackwell	\$ 10,972,149	15	\$ 1,078,713	9.83%
13654	Costa Mesa MS Enclave PH2	\$ 1,344,200	16	\$ 110,284	8.20%
13505	Solana Beach Elem Sch #7	\$ 2,787,167	17	\$ 232,823	8.35%
12598	Rossmoor Elementary Schol	\$ 1,487,014	18	\$ 30,481	2.05%
12823	Florida Street Apartments	\$ 925,903	18	\$ 352,802	38.10%

Baker Electric
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Job Number	Job Description	Original Contract	Number of Change Orders	Change Order Total	% of Change Orders
13450	GUHSD District Office Mod	\$ 1,128,500	18	\$ 107,864	9.56%
13591	HP Cyber Security	\$ 103,386	18	\$ 1,236,750	1196.24%
14607	ECO ATM TI	\$ 1,255,000	18	\$ 156,935	12.50%
13932	SD County Women's Detent	\$ 507,875	18	\$ 57,313	11.28%
13200	Otay Ranch Village ES	\$ 2,310,040	21	\$ 88,171	3.82%
13773	SANDAG Bus Maint Facility	\$ 2,124,917	21	\$ 876,942	41.27%
12597	Hopkinson Elementary Sch	\$ 1,507,597	23	\$ 19,874	1.32%
13146	Los Alamitos HS Moderniz	\$ 950,752	23	\$ 182,684	19.21%
13325	Palomar T Bldg Ren & Exp	\$ 1,560,000	23	\$ 47,950	3.07%
14718	Kilroy Heights at Del Mar	\$ 758,199	24	\$ 181,593	23.95%
12072	James B Utt Mem Learning	\$ 2,580,130	25	\$ 652,598	25.29%
12993	Renovate Bldg 3143	\$ 3,650,000	26	\$ (25,222)	-0.69%
13572	Airfield Cont Tower Ops B	\$ 2,402,170	28	\$ 197,642	8.23%
12721	Torrance Mem Medical Ctr	\$ 665,000	30	\$ 143,534	21.58%
14275	1 Columbia Place	\$ 778,249	31	\$ 219,930	28.26%
13669	Pence ES Modernization	\$ 5,000	32	\$ 1,511,564	30231.29%
12393	Quality of Life Package 4	\$ 7,404,104	34	\$ 5,395,926	72.88%
13668	Nicoloff ES Modernization	\$ 7,875	34	\$ 1,296,388	16462.07%
14022	GA-ASI Bldg. 27 T I	\$ 237,780	35	\$ 136,768	57.52%
12805	SDCC Educ Cultural Comple	\$ 1,500,606	36	\$ 217,771	14.51%
13942	Cesar Chavez Continu Educ	\$ 1,874,000	36	\$ 427,167	22.79%
12764	The Quad @ CSUSM	\$ 1,310,976	40	\$ 1,308,730	99.83%
13587	Escondido Ed Ctr Improv	\$ 953,000	42	\$ 92,597	9.72%
12910	LAUSD Central HS#12	\$ 2,372,350	43	\$ 86,776	3.66%
13350	Knox MS New Classroom Bld	\$ 2,925,000	54	\$ 277,606	9.49%
13772	Antelope Valley Solar Rn1	\$ 10,225,000	67	\$ 4,247,999	41.55%
Total		\$ 242,919,329	\$ 2,272	\$ 38,827,354	15.98%

STATEMENT OF QUALIFICATIONS

DESIGN-BUILD MACC FOR

ENERGY CONSERVATION MEASURES AND

BUILDING RETROFITS PROJECTS



Barnhart-Reese
CONSTRUCTION, INC.
A Company

WC AE
Webb Cleff Architecture
and Engineering

PREPARED FOR: CITY OF SAN DIEGO, PUBLIC WORKS CONTRACTS

SUBMITTED: August 2, 2016

DESIGN-BUILD TEAM:

BARNHART-REESE CONSTRUCTION
WEBB CLEFF ARCHITECTURE AND ENGINEERING 

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***SUBCONTRACTOR DOCUMENTATION INCLUDED AS A
SEPARATE ATTACHMENT***



Acknowledgement of Addenda

1



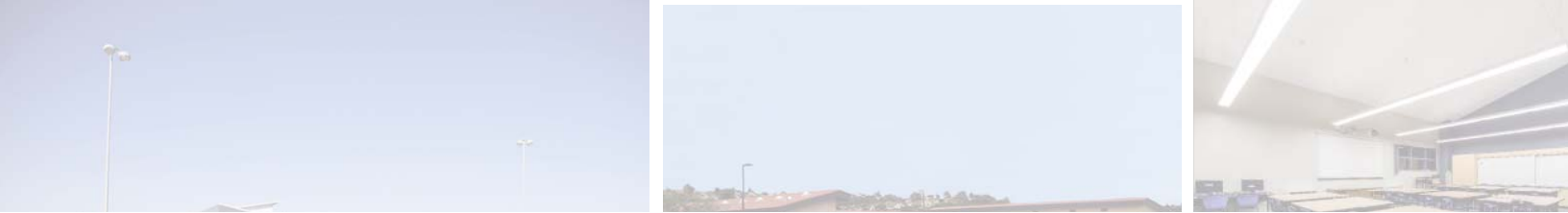
1. ACKNOWLEDGEMENT OF ADDENDA



Barnhart-Reese Construction, Inc. acknowledges receipt of the following addenda to this SOQ as listed on the PlanetBids website:

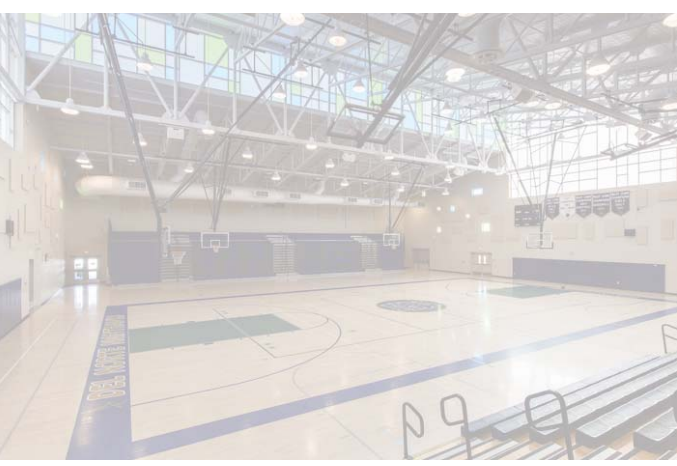
- Addendum 1 dated June 29, 2016
- Addendum 2 dated July 5, 2016
- Addendum 3 dated July 7, 2016
- Addendum 4 dated July 21, 2016





Identification of Design-Builder

2



Barnhart-Reese
CONSTRUCTION, INC.
A JACOBS COMPANY

WC AE
Webb Cleff Architecture
and Engineering



2. IDENTIFICATION OF DESIGN-BUILDER



1. Legal Name and address:

Barnhart-Reese Construction, Inc.
10805 Thornmint Road, #200
San Diego, CA 92127

2. Legal Form:

Barnhart-Reese Construction, Inc. is a California S Corporation.

3. Year of Establishment:

Barnhart-Reese has maintained its San Diego County headquarters since its inception in 2008.

4. Parent:

Barnhart-Reese has no parent company.

5. San Diego Office Address:

All of our employees work from our company headquarters at 10805 Thornmint Road, #200, San Diego, CA 92127.

6. Firm Contact:

Tamela Barnhart Reese, LEED AP
President | treese@barnhartreese.com
(858) 592-6500

7. Number of employees in San Diego:

25



City of Encinitas Fire Station #3 | Barnhart, Inc. construction project with Douglas Barnhart as RMO on license completing the work

8. Team Licenses:

Barnhart-Reese Construction:
City of San Diego Business License
#B2009008065, Expires 5/31/2017.

California State Contractors Licence
Number 912130, Class A, **B**, expires
3/31/2018.

Webb Cleff Architecture Licenses:
Robert D. Webb, AIA, PIC | C-28036 |
Expiration: 10.31.2017
David Brewer, AIA, Project Architect |
C-26687 | Expiration 07.31.2017
Ken Breuer, AIA, Project Manager |
C-12159 | Expiration: 10.31.2017
Debra Vaughan-Cleff, Project Manager
| Civil Engineer C-62788 | expiration
06.30.2018

Johnson Consulting Engineers:
Gary Johnson, PE, Electrical Engineer
E-11512 | Expiration: 06.30.2018

DEC Engineering: Christopher Deck |
Mechanical Engineer No. M-30087 |
Expiration: 09.30.2016

AE Engineers: Robert Alpers |
Mechanical Engineer M-30104 |
Expiration: 09.30.2016

SMR Consulting Structural Engineers:
Civil Engineer C-33464 | Expiration:
06.30.2018; Structural Engineer S-2834 |
Expiration 06.30.2018

Energy Retrofit Co.: Contractors License
Number 924719, Class **B, C10** |
Expiration: 03.31.2017

Jackson & Blanc: California State
Contractors License Number 188961,
Class: **B, C7, C20**, C4, C43, C38, C36,
C16 | expires 09.30.2016.

9. SOQ Firm Contact:

Tamela Barnhart Reese, LEED AP
President
10805 Thornmint Road, #200
San Diego, CA 92127
treese@barnhartreese.com
(858) 592-6500



Exceptions to the RFQ

3



Barnhart-Reese
CONSTRUCTION INC.
A JACOBS COMPANY

WC AE
Webb Cleff Architecture
and Engineering



3. EXCEPTIONS TO RFQ



The Barnhart-Reese Construction, Inc., and Webb Cleff Architecture and Engineering Design-Build Team take no exceptions to this Statement of Qualifications. Please see our Attachment C - Certification of Exceptions to the Request for Qualifications on the following two pages.



City of San Diego Skyline Branch Library

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of Barnhart-Reese Construction
(Company Name)

hereby stipulates that Barnhart-Reese Construction takes no exceptions to this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

T. Reese July 11, 2016
Authorized Representative Date

Tamela Barnhart Reese, President
Authorized Representative's Title

Barnhart-Reese Construction
Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes the following exceptions
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative Date

Authorized Representative's Title

Company

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of Webb Cleff Architecture and Engineering
(Company Name)

hereby stipulates that Webb Cleff Architecture and Engineering takes no exceptions to
this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

RD Webb
Authorized Representative

July 11, 2016
Date

Robert D. Webb, AIA

Webb Cleff Architecture and Engineering
Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

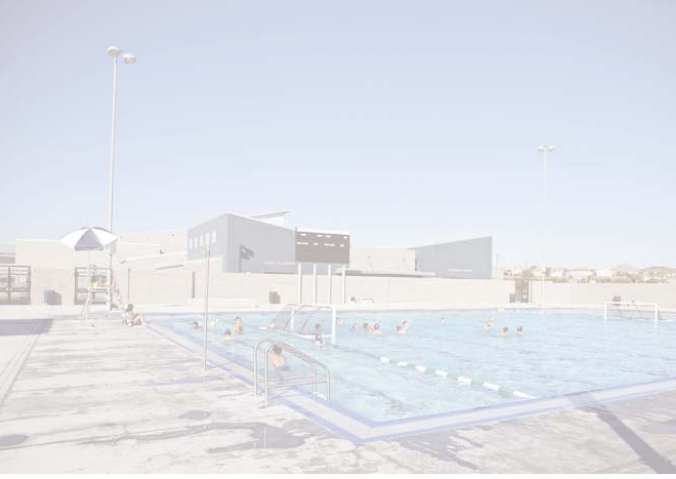
hereby stipulates that _____ takes the following
exceptions
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative

Date

Company



Executive Summary 4



Barnhart-Reese
CONSTRUCTION, INC.
A CECO COMPANY

WC AE
Webb Cleff Architecture
and Engineering



4. EXECUTIVE SUMMARY



Barnhart-Reese has brought together several design, engineering and energy experts to provide the City of San Diego with an exceptional and professional team to execute this exciting program. Barnhart-Reese, with design partner Webb Cleff Architecture and Engineering, will act as the Design-Builder for the City to facilitate the program. Our team brings several benefits to your program:

Past Experience working as a team

Barnhart-Reese and design partner **Webb Cleff Architecture and Engineering** have decades of K-12 educational experience in San Diego, Riverside, and Orange Counties. Barnhart-Reese Construction believes it is important to have consultants and contractors performing critical path work who have the proven ability to deliver on significant projects. Our consultant team was selected based not only on value, but also on previous outstanding performances with our team. Barnhart and Webb Cleff management and staff have delivered numerous high quality projects for Sweetwater Union High School District, Santee School District, Del Mar Union School District, Tustin School District, NuView School District, and Hemet Unified School District. All of the projects were completed using collaborative alternative delivery methods such as design-build, and construction management at risk, so our staff members and management have experience working together to design and build successful educational environments and supporting infrastructure.

Team Members **AE Engineers** Commissioning and Control Systems Consultant, **Johnson Consulting Engineers**, Electrical Engineers, and **Energy Retrofit Company**, Electrical Contractor, are all currently working with Barnhart-Reese Construction providing Proposition 39 services to the Poway Unified School District. The schools are being upgraded using Proposition 39 funding and SDG&E rebates for projects including installation of new CREE LED troffers, LED T8 tubes, and exterior LED fixtures, as well as upgrades and recommissioning of HVAC systems.

DEC Mechanical Engineers brings over 23 years of mechanical engineering and

commissioning experience to this project. Their in-depth knowledge of energy retrofit projects throughout San Diego will be utilized to provide the City of San Diego with the most efficient and maintainable HVAC systems to reduce overall energy costs while improving the indoor environment.

Our structural engineer, **SMR Consulting Structural Engineering**, is a valued partner of the Barnhart-Reese team, having worked with Barnhart-Reese management on the Design-Build Renovations of BEQ 52609 at Camp Pendleton. SMR has also worked with DEC Engineers providing structural support on the Systems Energy Optimization and Repair Project at the Marine Corps Air Station in Yuma, California.

Finally, our HVAC trade contractor partner, **Jackson & Blanc** has decades of experience with Barnhart-Reese. Jackson & Blanc is currently providing Prop 39 services for HVAC and Building Automation for San Marcos Unified, Vista Unified, Victorville Unified, Fallbrook Union High School, and High Tech High.

Barnhart-Reese Construction, Inc.

Barnhart-Reese Construction, a deb company, was founded on the experience and 40 years construction expertise of Douglas Barnhart and his family. Barnhart-Reese began operations in late 2008 after the sale of his flagship company, Barnhart, Inc.

Barnhart management has a decades-long, successful past of delivering high quality projects for public works, including the Design-Build Skyline Branch Library and the Bayside Fire Station No. 2, both currently in construction for the City of San Diego. Barnhart-Reese is also completing Pro 39 Construction Management Services for the Poway Unified School District and completed Prop 39 Planning for Fallbrook Union Elementary School District.

Barnhart-Reese Construction Team members have overseen construction of many of San Diego's prominent projects, including Petco Park, UCSD Supercomputer Center Expansion, SDSU College of Arts and Letters, SDSU Tony Gwynn Stadium, Ronald McDonald House of San Diego, Poway City Hall,

4. EXECUTIVE SUMMARY



National City Education Village, San Diego Chargers Park, and the Douglas and Nancy Barnhart Cancer Center in Chula Vista for Sharp Healthcare. Our team's experience as a design-builder is also unrivaled by competitors. Our proven methods and planning, particularly in the important preconstruction process, has various strategies for risk management and mitigation.

Barnhart-Reese Construction, Inc. has an excellent working relationship with HUBE (Historically Underutilized Business Enterprises), due to its management and staff's past experience with public works, GSA, and NAVFAC contracting. These businesses have become vital partners to us and are considered for every contracting opportunity, whether it is required or not.

Past Experience with Modernization in Occupied Environments and Fast-Track Schedules

Our team has experience working in occupied environments for both new construction and modernization projects. Our team will work with the City to ensure minimal disruption to City activities by developing noise and dust screening strategies, mindful scheduling of equipment deliveries, pedestrian and vehicle traffic flow plans and optimal use of school breaks and out-of-session hours to complete work activities. Barnhart-Reese's fast-track schedulers and management are capable of putting millions of dollars of construction product in place in a short time, as evidenced by the success of the Chula Vista Elementary School District summer modernization programs.

Past Experience with Proposition 39

Unique to our team, is our experience with Proposition 39 energy conservation projects. Barnhart-Reese and Webb Cleff both have experience with Prop 39 projects for K-12 school districts. Barnhart-Reese is currently overseeing Prop 39 Planning and Retrofit work for the Poway Unified School District. Work includes modifications to lighting, HVAC, networked lighting, as well aquatic center equipment and retro-commissioning. Barnhart-Reese worked with the district from funding, planning, dashboard development and work execution. Webb Cleff is

currently working with the Rancho Santa Fe School District on optimization of its HVAC and lighting systems.

Local Owners and Decision Makers

Also unique to our team is that we are truly a local team. Barnhart-Reese, Webb Cleff, Johnson Consulting Engineers, DEC Mechanical Engineer, AE Engineers, SMR Consulting Structural Engineers and Jackson & Blanc are all headquartered in San Diego County, and Energy Retrofit Company is headquartered in Temecula. The key decision makers are actively involved and have the ability to make timely and effective decisions. City personnel will have access to our principal leadership throughout the MACC projects. Decisions will be made promptly and in consideration of the ultimate goals of the project.

Subconsultant Team Members

We have assembled a strong team of local sub-consultants for the MACC for Conservation Measures and Building Retrofit Projects. These subconsultants include:

Johnson Consulting Engineers | Lighting and Power Design, T-24 Calculations, Bid Specifications

DEC Mechanical Engineers | HVAC Energy Engineering, Project Development, Design/Spec for LEED for Design-Build

Alpers Engineering Group | Commissioning and Control Systems Consultant, Energy Audits, Retro-Commissioning

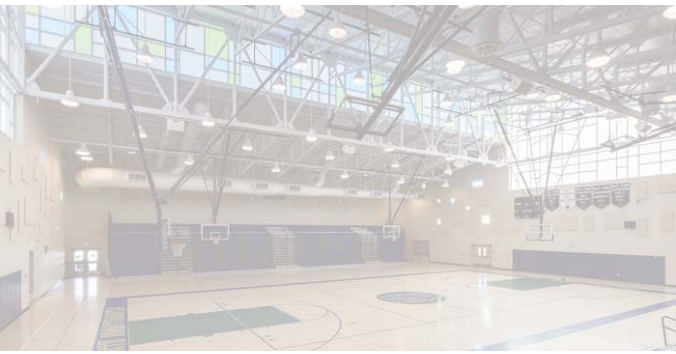
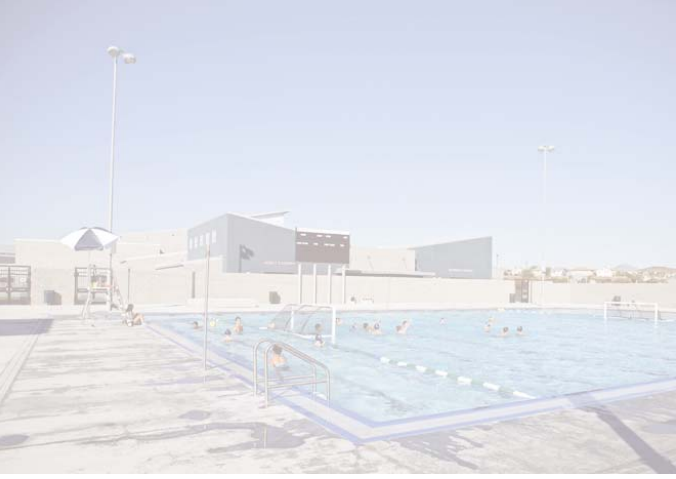
SMR Consulting Structural Engineers | Structural Engineers

Energy Retrofit Co. | Electrical Contractors specializing in Energy Retrofits, SDG&E Rebate and Incentive Programs, On-Bill Financing processing

Jackson & Blanc | Mechanical Contractors Prop 39 services for HVAC and Building Automation

Resumes for these team members are included in the Organization and Key Personnel section of this SOQ.

We feel our team will bring exceptional service and expertise to your project. We thank you for your consideration.



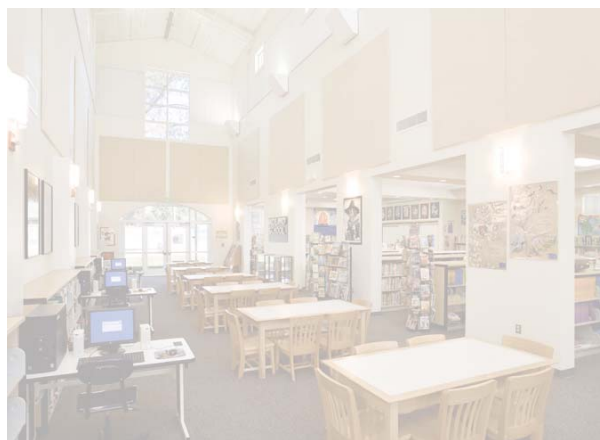
Experience and Technical Competence

5

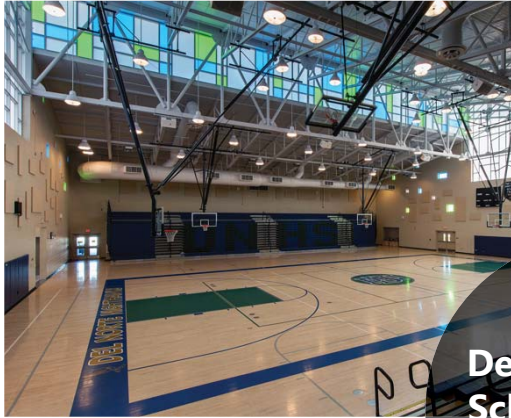


Barnhart-Reese
CONSTRUCTION INC.
A P&G COMPANY

WC AE
Webb Cleff Architecture
and Engineering



5. EXPERIENCE AND TECHNICAL COMPETENCE



Del Norte High School Prop 39 Services



District: Poway Unified School District

Project: Del Norte High School Proposition 39 Energy Conservation Services

Year(s): 2014 - 2016

Contact: Michael Tarantino/Carl Rossi
Director of Facilities
858.679.2526 |
mtarantino@powayusd.com

Team Members: Barnhart-Reese Const., Johnson Consulting Engineers, AE Engineers, and Energy Retrofit Company

Dollar Value of Services: \$805,843
CM Fee: \$123,655

Project Description / Scope of Work:

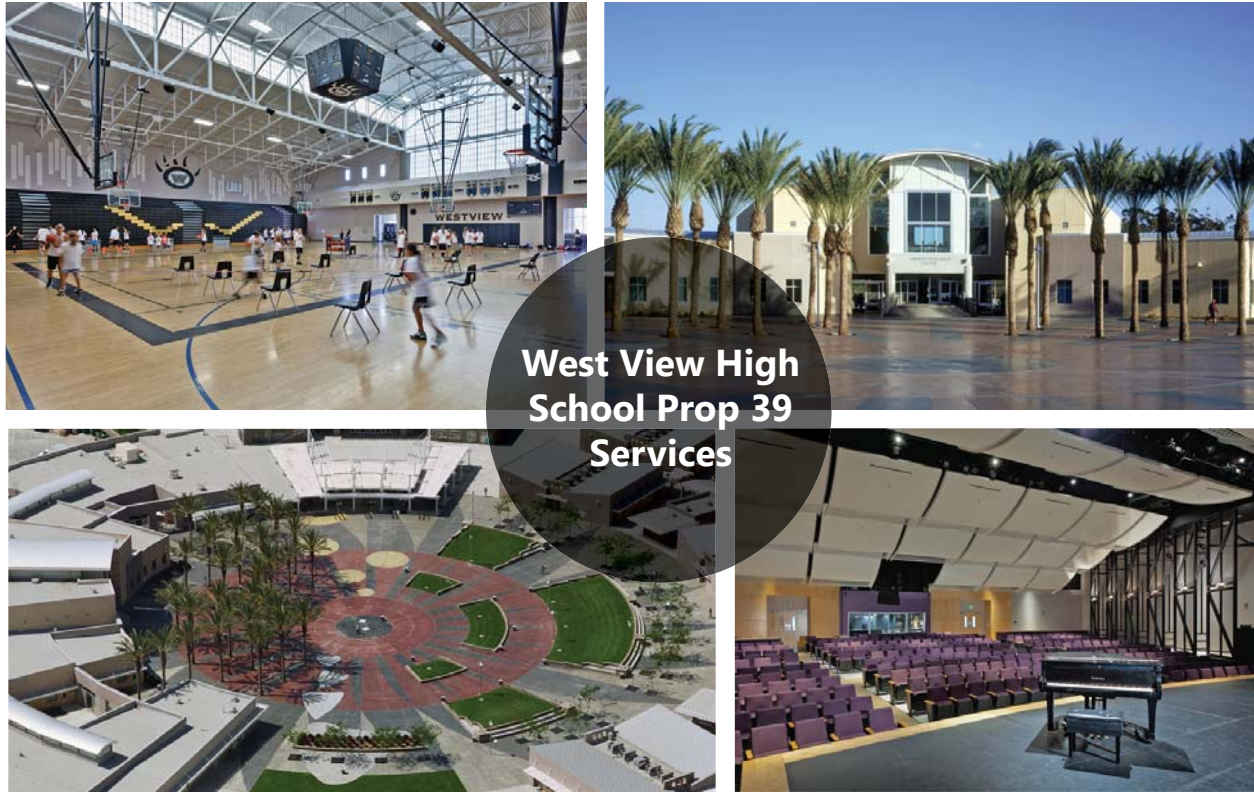
Barnhart-Reese Construction is currently serving as Design-Builders for the Poway Unified School District's Proposition 39 Energy projects. In the first phase of projects is Del Norte High School. The Barnhart-Reese Team identified energy efficiency measures (ECMs) that will save the District 3,571,496 kBtu per year in natural gas and electricity consumption. A 24% reduction in energy use will be realized in year one after implementation of the identified ECMs. SDG&E

rebate incentives for exterior and interior lighting were utilized. Retrofit projects included installation of new CREE LED troffers, LED T8 tubes, and exterior LED fixtures. Low voltage wiring and dimming controls were installed according to the engineer's specifications and plans for the new fixtures in the classrooms.

The HVAC system was recommissioned to optimize equipment effectiveness and improve energy efficiency. The Chiller Pump was upgraded, adding a smaller chilled water pump to the chilled water system equipped with a variable speed drive to dramatically reduce energy usage during off hours and low load conditions. Damper and controls to the Gymnasium Air Handler Units were upgraded for indirect evaporative cooler units to improve operation and reduce unnecessary energy usage.

- ✓ *Renovation / Retrofit of HVAC Systems*
- ✓ *24% reduction in energy consumption will be realized after 1 year*
- ✓ *SDG&E Rebate Incentives*
- ✓ *New LED Lighting*

5. EXPERIENCE AND TECHNICAL COMPETENCE



West View High School Prop 39 Services

District: Poway Unified School District

Project: West View High School Proposition 39 Energy Conservation Services

Year(s): 2014 - 2016

Contact: Michael Tarantino/Carl Rossi
Director of Facilities
858.679.2526 |
mtarantino@powayusd.com

Team Members: Barnhart-Reese Const., Johnson Consulting Engineers, AE Engineers, and Energy Retrofit Company

Dollar Value of Services: \$1,196,794
CM Fee: \$137,206

Project Description / Scope of Work: Barnhart-Reese Construction is currently serving as Design-Builders for the Poway Unified School District's Proposition 39 Energy projects. In the first phase of projects is Westview High School. The Barnhart-Reese Team identified energy efficiency measures (ECMs) that will save the District 4,296,885 kBtu per year in natural gas and electricity consumption. A 37% reduction in energy use will be realized in year one after implementation of the

identified ECMs. SDG&E rebate incentives for exterior and interior lighting were utilized.

Retrofit projects include installation of new CREE LED troffers, LED T8 tubes, and exterior LED fixtures. Low voltage wiring and dimming controls were installed according to the engineer's specifications and plans for the new fixtures in the classrooms.

The HVAC system was recommissioned to optimize equipment effectiveness and improve energy efficiency. Utilized the building automation system to shut down refrigerators unused during summers and extended holiday periods.

Based on manufacturer's claims, the addition of a pool cover is expected to save 18,000 therms of gas and \$12,411 annually.

- ✓ Renovation / Retrofit of HVAC Systems
- ✓ 37% reduction in energy consumption will be realized after 1 year
- ✓ New LED Lighting
- ✓ SDG&E Rebate Incentives

5. EXPERIENCE AND TECHNICAL COMPETENCE



Pershing Middle School Whole Site Renovation



District: San Diego Unified School District

Project: Pershing Middle School Whole Site Renovation

Year(s): 2014 - 2015

Contact: Don Webb
Director of Construction Mgmt.
858.637.6266 | dwebb@sandi.net

Team Members: Barnhart-Reese Const.

Dollar Value of Services: \$15,273,952

Project Description / Scope of Work:

Barnhart-Reese was the general contractor for the Whole Site Renovation to Pershing Middle School. The scope of work included modernization and upgrades to multiple classroom and support/service buildings and related site and underground site utility work, as well as accessibility upgrades to restrooms, locker rooms, gymnasium, and classroom and accessible path of travel upgrades throughout the campus.

Building system improvements include lighting, fire alarm, electrical, plumbing, HVAC systems and new fire sprinklers added in the auditorium plus structural support for new HVAC equipment. The project has been divided into 6 phases to alleviate disruption to the teachers and students.

The new mechanical and electrical systems installed were developed to improve the energy efficiency of this campus and to update outdated systems.

- ✓ *Renovation / Retrofit of HVAC Systems*
- ✓ *New LED Lighting*
- ✓ *Phased construction*

5. EXPERIENCE & TECHNICAL COMPETENCE



Relevant Project Experience

Barnhart-Reese and Webb Cleff Architecture and Engineering team members are experts at the design and construction of energy retrofit projects because we understand the elements that make up the whole. Below is a sampling of projects completed by our firms showing the breadth of our experience in Design-Build and Energy Retrofit projects.



PERSHING MIDDLE SCHOOL MODERNIZATION

Whole site modernization to multiple classroom and support / service buildings and related site and underground site utility work. *Improvements include electrical, plumbing and HVAC systems.*

General Construction | 2015



NATIONAL UNIV. SANFORD CENTER RENOVATION

Renovation of the main lobby area of the Sanford Education Center into a conference center. Included installation of *Solatubes, upgrades to electrical, plumbing, HVAC and fire suppression.*

Design-Build | 2014



CASTLE PARK MIDDLE SCHOOL MODERNIZATION *

Whole site modernization including *mechanical and electrical upgrades.* Phased construction / summer modifications over 3 years.

Construction Managers | 2007



NATIONAL CITY MIDDLE SCHOOL MODERNIZATION *

\$9 million whole site modernization including *mechanical and electrical upgrades* and new construction of a locker room addition. Phased construction / summer modifications over 3 years.

Construction Managers | 2007



POWAY HIGH SCHOOL MODERNIZATION *

\$33 million renovations and upgrades to all classrooms and labs, and addition of 2-story classroom building. *Utility upgrade/efficiency improvements, modernization of classroom lighting, power/data.* Phased construction / summer modifications.

Construction Managers | 2007



ROOTS RESTAURANT RENOVATION, UCSD

Managed 8 subcontractors in this renovation on an occupied campus. Included demolition, framing, drywall, wall tiles, paint and finishes, suspended ceilings, glazing, *HVAC and electrical upgrades.*

CM Multi-Prime | 2011



5. EXPERIENCE & TECHNICAL COMPETENCE



SRS MEDICAL OFFICES AT FLOWER HILL

Tenant improvements for Sharp Rees-Stealy. New offices are 29,000 SF on second floor of the new Flower Hill Promenade building in Del Mar. Project included *installation of HVAC, replaced mechanical ductwork, and relocation of interior utilities.*

Design-Build | 2012



GRANGER JUNIOR HIGH SCHOOL MODERNIZATION *

Whole site modernization including *mechanical and electrical upgrades.* Phased construction / summer modifications over 3 years.

Construction Managers | 2007



OAK VALLEY MIDDLE SCHOOL *

New middle school; \$25,900,000. Campus consists of six buildings spanning 136,605 SF. Three classroom buildings, multipurpose room, gym, library and athletic fields.

Lease-Leaseback/Design-Build | 2005



SOLANA PACIFIC ELEMENTARY SCHOOL *

New \$16,000,000 elementary school. 80,000 SF school features 2-story building for classrooms, administrative offices, and library. Also includes auditorium, food service, and athletic fields.

Lease-Leaseback/Design-Build w/GMAX | 2004



FALLBROOK UNION ESD MODERNIZATIONS *

Complete classroom remodels to several schools in the district, including *MEP rough-ins, T-bar ceilings, casework, paint, carpeting, and ADA upgrades.*

Lease-Leaseback w/GMAX | 2004



ASHLEY FALLS ELEMENTARY SCHOOL * **

Barnhart performed CM services in a *design-build* format for this 43,000 SF, five building school.

CM/Design-Build | 1998



*Projects completed under Douglas Barnhart's flagship company, Douglas E. Barnhart Construction

**Projects completed with Webb Cleff A&E management and staff

5. EXPERIENCE & TECHNICAL COMPETENCE



HOPE ELEMENTARY SCHOOL MODERNIZATION
Completed as a summer sprint project in 2015, WC-AE coordinated a kitchen and serving area remodel, exterior siding replacement, *electrical upgrades*, and miscellaneous site work.
Design-Bid-Build | 2014-2015



OLIVENHAIN PIONEER ELEMENTARY SCHOOL
This nearly \$3.5 million *energy upgrade project* consisted of HVAC and electrical upgrades, Solatubes, LED lighting, and photovoltaic structures.
Design-Bid-Build | 2013-2015



FOOTHILL HIGH SCHOOL BUILDING 100 HVAC
In the summer of 2015, the theater building at Foothill High School received a complete HVAC upgrade as a result of DSA requirement changes for Prop 39 fund usage.
Lease-Leaseback / Design-Build | 2014-2015



PROSPECT AVENUE SCHOOL MODERNIZATION
In addition to the construction of a new library on the campus, *modernizations took place on each the six classroom buildings on the campus.*
Lease-Leaseback / Design-Build | 2007-2009



PEPPER DRIVE SCHOOL HVAC MODERNIZATION
Remaining buildings not recently constructed in previous WC-AE projects will receive *upgrades to their HVAC systems with new rooftop units* this summer.
Lease-Leaseback/Design-Build | 2015-Ongoing

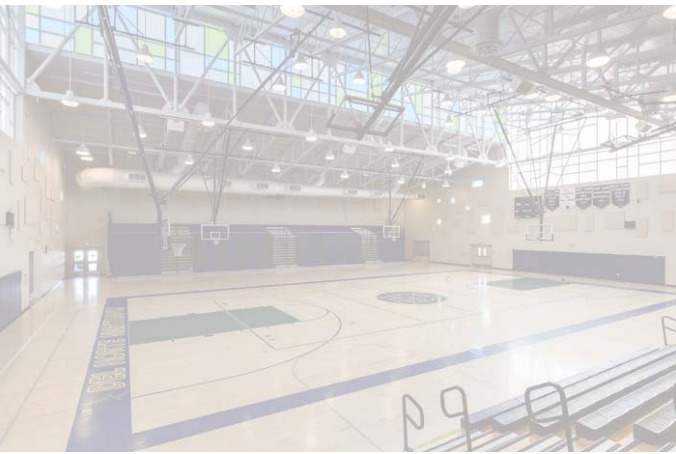


NATIONAL SCHOOL DISTRICT
These summer sprint HVAC *modernization construction projects* are phased throughout the District, with four projects completed in 2015, four being constructed in 2016, and two on hold.
Lease-Leaseback/Design-Build | 2014-Ongoing



SAN DIEGO UNIFIED SCHOOL DISTRICT
WC-AE has *28 total HVAC modernization projects throughout the District.* We are performing full site evaluations prior to design on 20 as part of this second phase HVAC upgrade.
IDIQ | 2015 - Ongoing





Proposed Method to Accomplish Work

6



6. METHOD TO ACCOMPLISH THE WORK



The Barnhart-Reese Team is well qualified to meet the City of San Diego's goals as listed in the RFP. Below are specifics on how we will implement successful energy conservation measures and building retrofits at City facilities.

Program

Generally across the State of California our civic buildings face a growing financial and facilities crisis. City budgets have become tighter and tighter every year. Amid the financial binds and deteriorating facilities, incentive and rebate programs such as On-Bill Financing (OBF) and Advanced Lighting Controls System Pilot (ALCS Pilot), offer renewed hope to California civic facilities to implement energy conservation measures or add renewable energy sources to reduce energy and operational costs.

We understand that the City is seeking multiple firms to design and build retrofits for HVAC, VFD (variable-frequency drive), lighting and controls and commissioning installation, as well as solar.

We have assembled a team of experts that will provide all the management, communicative and technical resources needed to support the achievement of the City's goals.

DISTRICT GOALS

The team is experienced in providing the services and support required to achieve the City's goals.

1. We have the engineering credentials, hands-on field experience, and energy consuming systems knowledge gained through our years of experience working in the mechanical, electrical, plumbing, and controls construction industry to identify the most current energy efficient measures and renewable energy generation systems.
2. Our Team has extensive experience working on similar utility, state and

federal government funded programs and understand the requirements necessary to fully comply with incentive or rebate program requirements.



Preconstruction

The success of any MACC program is influenced by the quality of the Procurement and Preconstruction Services, and *Barnhart-Reese has the expert knowledge to assist in this crucial stage.* We will work closely with the City of San Diego and Webb Cleff to develop a plan that meets objectives.

As each of the projects are awarded, we will utilize our tested approach to successful projects. This begins with a kick-off meeting to set overall team goals, and to define roles and responsibilities. Our experience has determined that a focused goal of fostering a team approach from the onset provides the framework for success. *The team will be led by the City of San Diego as it is their facilities that are being retrofitted.*

In order to gain a complete understanding of the City's expectations, we will work closely with City officials and Web Cleff architects, along with their engineers and consultants. Effective communication between team members is required during the critical preconstruction phase to understand all of the objectives, requirements, and the City's intent. The team will also review all available records of previous meetings and discussions regarding the projects.

Barnhart-Reese will schedule and attend all regular and special planning sessions to report our findings, and provide recommendations for revisions to design, detail,

6. METHOD TO ACCOMPLISH THE WORK



and/or specifications. During these sessions, it is expected that timely decisions will be made regarding the recommended options to maintain the established schedule. Follow-up meetings will be conducted as required to ensure the established goals are met. Our interaction with the City and design architects will occur daily because of the many facets from product selection to construction coordination. Barnhart-Reese estimating, scheduling, and management personnel will ensure that the design criteria is reflected accurately.

Constructability Review

For each project, we will perform a 100% constructability review of the proposed design, and as working drawings are developed perform updated constructability review. Continuous effort will be required to ensure the budget is maintained. Barnhart-Reese has created a systematic procedure and checklist for constructability reviews, which serves as a guideline for our team of experts. The key to cost control is ensuring plans and specifications are completely reviewed and comprehensive as possible before the final budget is established. While no constructability review can guarantee 100% accuracy of the design plans and specifications, we have proven success at reducing cost and time impacts during construction. The success of the constructability review can be measured by the change order percentage rate calculated at project completion.

Estimating

Barnhart-Reese's precise project budgeting relies on our historical cost database. Barnhart-Reese will provide an accurate construction cost estimate to the City by using comparative cost studies of elements and systems during the review of construction documents to ensure that cost effective solutions are maintained. Additionally, our estimators are capable of ongoing monitoring of the project estimate which will ensure the design does not exceed available funds. Barnhart-Reese's estimating management plan includes:

- Continuous verification of program estimates that are based on decisions reached during weekly design team coordination

- Full review of the project budget at certain completion percentages of working drawings (i.e. 50% and 90%).
- Recommendations for bid alternates to match work program to budget limitations depending on design growth.
- Pre-bid meeting coordination
- Soft bids to ensure budget constraints are not exceeded by design enhancements. Soft bids also provide:
 - Interest in the project
 - Constructability reviews
 - Value engineering comments
 - Alternate material considerations



Value Engineering

Barnhart-Reese will review the various generations of the drawings with the objective of identifying alternate materials and construction techniques to reduce cost without compromising the quality or the design criteria and present alternatives to the City. Our extensive experience as a builder of public and private facilities, and our recent experience working with school districts on their Prop 39 Energy Efficiency programs, assures "hands on" knowledge of current market trends, product availability, construction techniques and building materials.

We will offer suggestions for cost savings, track all options, and assist the City in making final decisions on proposed value engineering suggestions. We will then track the items onto the final construction documents to ensure they are incorporated and coordinated with other project elements.

As construction documents are complete, Barnhart-Reese will prepare cost reduction strategies to incorporate into the bid

6. METHOD TO ACCOMPLISH THE WORK



documents to ensure adherence to the project budget. These suggestions are vital to preserve options and to address market conditions when the final budget is established. The construction market may provide additional savings through selective material/equipment substitutions and/or labor cost savings through state-of-the-art applications. Due to our successful relationships with region's most qualified trade contractors, such as team members Jackson & Blanc and Energy Retrofits Company, we can draw on their experience and knowledge, as well as our own, to provide the City of San Diego with expert construction management.

Scheduling

Barnhart-Reese firmly believes that scheduling is a critical component of the construction process, and understands that time is money. *A project that completes on time generally completes on budget. Proactive scheduling and planning is an especially critical project component when working in occupied spaces, to ensure the occupants have comfortable use of the facility when required. Great care will be taken when scheduling potentially noisy operations, such as demolition, for after hours or on weekends. In addition, proactive scheduling will be critical to ensure project completion before December 31, 2016 as set forth by SDG&E guidelines.*

Barnhart-Reese will manage the construction schedule to ensure the schedule is comprehensive and reflects actual work performed. This will be done by reviewing weekly updates and monthly reports. Should any item or time frame become a concern, Barnhart-Reese will provide schedule sequencing recommendations to prevent any delays in the overall schedule. Should a schedule recovery be necessary, Barnhart-Reese's proposed Project Manager, working with the appropriate trade contractors, is capable of providing solutions in order to bring construction back on track. Our schedulers are always available and can provide revised and/or recovery schedules as soon as revisions are made. During the government approval phase, Barnhart-Reese can, if requested, provide the services of an expeditor and permit coordinator. Barnhart-Reese will provide monthly updated CPM

schedules using Primavera scheduling software, as well as 3-week look ahead schedules, manpower loaded schedules, and recovery schedules if needed.



Site Evaluation

Optimal utilization of the project site is critical to meeting the goals of the project. A well-crafted site plan works to efficiently bring workers, materials and equipment into the project and conveying debris out of the building site. Pre-planning of site logistics, along with consistent and clear communication to all workers, will ensure good habits, promoting safety, neatness and quality. *We will carefully develop a site utilization plan specifically for each project.* The plans will center on cordoning off construction areas with construction fencing or other barriers. A construction entrance will be designated to bring materials into the site depending on different phases of the construction. Most main worker ingress and egress, material delivery and associated construction traffic will occur through this entrance, relieving other driveways and areas free of construction traffic and congestion. This area will also allow ease of access for any toilet and trash service vehicles. We feel this area is advantageous in reducing disruption and inconvenience to the building occupants as well as the surrounding community.

Our initial site visit will also include identification of any potential hazards or project challenges so that they may be addressed prior to boots on the ground. We will coordinate with inspectors and the City of San Diego to ensure standards are met and all appropriate approvals are procured. All documents deriving from such will be cataloged in our database.

6. METHOD TO ACCOMPLISH THE WORK



Team Meetings

Barnhart-Reese will facilitate regular team meetings to foster accountability and teamwork with the design firms, project teams and City staff. Effective communication between team members is essential for a complete understanding of the City's expectations and the Architect's design intent. An initial kick-off meeting will be held to establish team goals, individual member roles and responsibilities and to engender a positive environment for the team to share ideas and information. This open environment is a critical asset as the design unfolds and construction begins, enabling the team to mitigate potential problems before they come to fruition and to brainstorm value engineering, cost saving and innovative ideas for completing your project.



Bid conferences will also be managed by Barnhart-Reese to review all trade contractor work scopes and to delineate any overlaps between trade contractors. Barnhart-Reese will analyze and manage the trade contractor proposals and after contracts are awarded, we will then assemble, deliver and execute all contract documents. We will also conduct a post-bid conference where the City and design team are present to review and approve the awarded contracts. After all reviews have been made, Barnhart-Reese will then provide an agenda to the City for final project approval. Barnhart-Reese will also facilitate bimonthly design team meetings and special planning sessions. These meetings will be an opportunity for all involved parties to report findings, inject recommendations for design, detail and or specification revisions and to stay abreast of scheduling concerns and other critical project information. All meeting issues are

documented and tracked with a determination of responsibility so all team members are aware of their action items and time lines.

Construction Phase

Barnhart-Reese will begin construction planning during the conceptual stage. By using this early approach, cost and schedule savings can be incorporated by creatively phasing the project to minimize impacts from weather, material procurement issues and other potential problems.

The Barnhart-Reese plan for construction begins and ends with communication. All project stakeholders must be continuously aware of the needs, budget and time constraints relating to the project. Barnhart-Reese will take the lead in ensuring constant communication is maintained, and the design and construction phases are planned accordingly.

By continuously monitoring and updating the construction budget, we can identify problems earlier. Careful planning during the construction phase will minimize impacts due to changes and weather.

Project Accounting and Management Systems

Barnhart-Reese will work with the City to ensure the project financial plan will match the design and construction effort. By planning in advance, we can ensure all elements are incorporated into a management system, thus allowing proper reporting of data to all parties. We will also provide the City with a Field Engineer (FE) who will be on site to administrate and coordinate the flow of information traveling back and forth between the architects, contractors and the City. The FE will review and catalog all critical items such as meeting minutes, RFIs, submittals, change items and other vital information pertinent to the project. By reviewing we can ensure payment applications are accurately and timely submitted, giving the City updated and accurate dollar requests.

6. METHOD TO ACCOMPLISH THE WORK



Barnhart-Reese will also have full-time project management on site to review and process RFIs, submittals, and shop drawings before they are transmitted to the architect for final review and approval.

Management of Project / Lines of Communication

Our full-time on site project management and supervision staff will work closely with the City, Webb Cleff and trade contractors to administrate and coordinate the work on site during the construction phase. Weekly owner meetings are critical to ensure issues are addressed and future planning is maintained. Barnhart-Reese will conduct and catalog weekly foreman meeting minutes in order become more aware of the concerns and issues happening on site between all parties involved. This review will help our managers understand field issues and help forecast upcoming work and/or events that may or may not affect the project schedule. By thinking well ahead of today's activities, we can ensure a smooth path to success for your project.

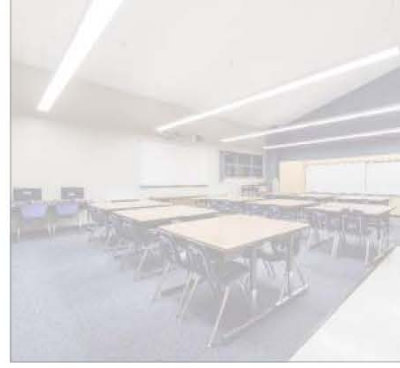
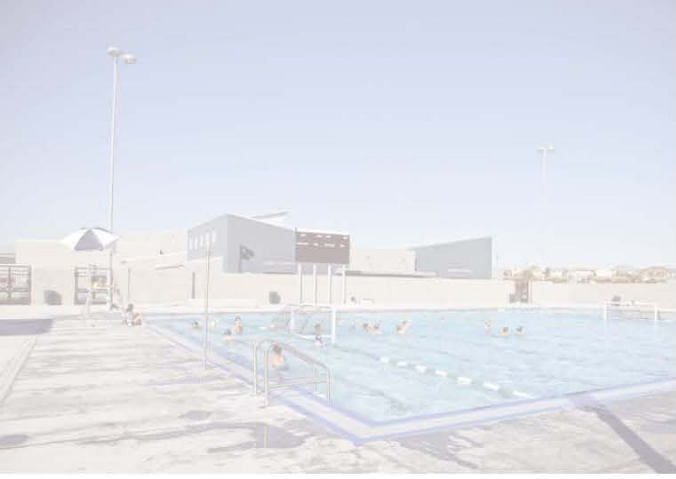
The end goal of our construction process is a high quality facility that is retrofitted on time and within budget. *Again, communication is the key to success, and we will ensure all stakeholders are continuously aware of the projects' needs.*

Project Closeout

Closeout is another important phase of the project. Barnhart-Reese begins closeout at project commencement by preparing a detailed plan that incorporates commissioning, training, and occupancy. We work with the trade contractors to ensure they are aware of obligations relating to warranties, operations and maintenance documentation, and extra stock. We will assist the City with preparation of a detailed occupancy plan including delivery and installation.



Rolling Hills Elementary School, Poway Unified School District
New LED Lighting, HVAC Renovation/Retrofits, SDG&E Rebate Incentives
Barnhart-Reese Proposition 39 Services Team



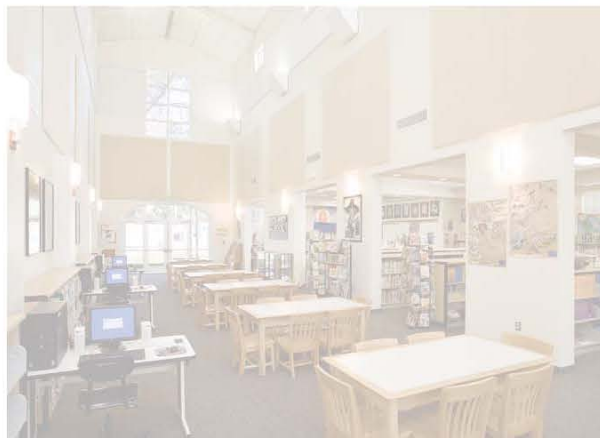
Barnhart-Reese
CONSTRUCTION, INC.
A PCL COMPANY

WC AE
Webb Cleff Architecture
and Engineering



Knowledge and Understanding of Local Environment

7



7. LOCAL ENVIRONMENT



Knowledge + Understanding of Local Environment

Both Barnhart-Reese and Webb Cleff principals, management and staff have over 40 years experience working in the San Diego region. Douglas Barnhart, the managing principal of Barnhart-Reese, led the joint venture team responsible for construction of San Diego's Petco Ballpark. City staff and agencies are very familiar with Douglas Barnhart and his legacy of good workmanship and partnership with city agencies, inspectors and staff.

The Barnhart-Reese Team are well aware and well-versed in local and environmental laws and regulations, including local rebate and incentive programs.

Webb Cleff has completed HVAC upgrades at 28 schools throughout the San Diego Unified School District, all of which required coordination with the DSA.

Our team has a strong understanding of local laws, ordinances, regulations, policies, requirements and permitting and has committed their staff to this project for its duration. The Barnhart-Reese Team are intimately involved in the activities that make our communities better places for all people.

Erica Inderwick, Senior Vice President with Energy Retrofit Co. has extensive experience from her previous employment (ALS) working within the local environment of City buildings. Erica served as the Senior Project Manager responsible for planning and execution of the lighting retrofits for the City of San Diego on various projects such as Beckworth Library, various lifeguard stations, San Vicente Reservoir, Balboa Park Administration Building, Fenton Parkway Library, and the Scripps Ranch Library. During the design phase, Erica worked with City staff to coordinate escorted access into the facilities during the specific hours they requested to conduct audits and installations of these sites. During installation, Erica worked closely with the site point of contact to work in the daily assigned areas. Mrs. Inderwick produced daily reports with the status of

all work performed the previous day. Close communication between Erica and the city staff allowed the site point of contact to notify employees that we would be working in their areas within the next few days.

Energy Retrofit Co. (ERC) is a registered Trade Professional with San Diego Gas & Electric (SDG&E), and has dedicated personnel on staff to manage the various utility programs throughout San Diego County. The SDG&E Rebate personnel is incredibly familiar with the various rebate and incentive programs and the rules associated with each program offered through SDG&E. In 2015, ERC invoiced over \$3.5 million in rebates for all customers served in their territory. Details such as verifying all products purchased and installed are on the appropriate qualifying list (DLC or Energy Star), ensuring the rebate paperwork is collected and properly completed, and following all eligibility requirements are a few of the specifics this team of individuals is responsible for.

In addition to the local rebate and incentive programs, ERC has a dedicated staff responsible for SDG&E On-Bill Financing (OBF) processing. This includes, but is not limited to, completing the OBF applications, the OBF supplemental worksheet, having knowledge of customer eligibility, loan limits for various customer types, and most importantly, how to work with the SDG&E staff to get these projects through the approval process. In 2015-2016, the OBF Processing team managed over 50 projects through the 0% Interest OBF Loan programs on behalf of our customers.

Energy Retrofit Co. has extensive knowledge of local Title 24 Lighting standards and controls requirements. Matt Kirchwehm, Chief Estimator for Energy Retrofit Co., has been recognized by the California Advanced Lighting Controls Program as a certified Acceptance Test Technician (ATT). This advanced training program has given Mr. Kirchwehm the ability to design any commercial lighting system to meet the most recent Title 24 lighting and lighting controls requirements. Through proper design and

7. LOCAL ENVIRONMENT



installation practices, advanced controls have the potential to achieve significant additional energy savings for lighting upgrade projects.

Barnhart-Reese staff is conversant with agency approval procedures and current regulations and interpretations. We continuously monitor proposed changes as well as advocate and negotiate creative options, and we sit on numerous advisory boards for support in code regulatory interpretation.

Our process is collaborative – to reach consensus with the fire station staff and community to identify and respond to project issues and goals. As part of this process, we research and address social, geological and historic sensitivities to respond to the unique sense of place that is North University City.

As we have demonstrated with both the Bayside Fire Station No. 2 and Skyline Hills Branch Library, our process is integrated with an understanding of the City of San Diego's regulations, policies and design guidelines. Barnhart-Reese and Quigley have a great deal of experience in coordinating and working with the City of San Diego DSD. Our staff is conversant with agency approval procedures and current regulations and interpretations. We continuously monitor proposed changes as well as advocate and negotiate creative options.

The BRC Team has experience with the following local incentive programs. San Diego Gas and Electric has a number of ongoing programs for local commercial customers, including the Green Data Program- Energy data from the buildings energy meter is sent to a no cost 3rd party software application and displayed in graphs and other formats to help the user to find ways to save energy and lower bills. Customers can analyze bills and charges, group accounts for collective analysis, track energy efficiency projects, download high level reports. It helps manager energy use, incorporates other energy analytics programs that are available to use metrics to normalize weather, building size and use and compare with benchmark data.

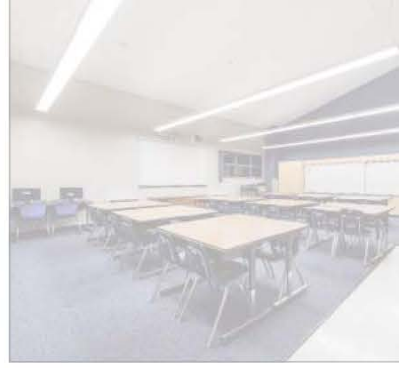
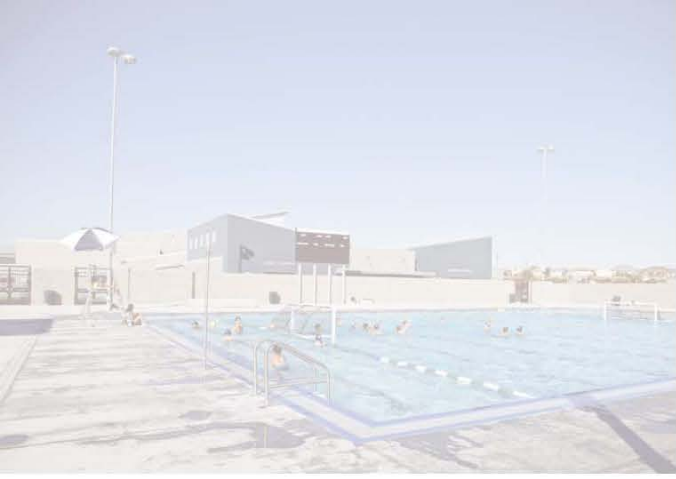
On Bill Financing – This program offers eligible customer 0% (zero percent) financing for qualifying energy efficient projects. Savings are reflected in the energy bill and offset by your monthly loan payment or if chosen a lease payment. Energy Efficiency Rebates- The program offers business a rebate that offsets the cost of installing energy efficient equipment. Many energy efficient products are included as eligible such as; lighting, packaged air conditioners, energy efficiency control , food service equipment, gas water heating equipment and appliances.

Rebates are also available for other products that save energy including: reflective window film, vending machines controls, pool covers and air compressors. Customized Offering Energy Incentives Program- Incentives are paid on the existing system retrofit energy savings and permanent peak demand above baseline energy performance.

Environmental Protection Agency Energy Star Portfolio Manager- EPA created a free on line tool to measure and track energy and water consumption, as well as greenhouse gas emissions. It can be used at no cost as a benchmarking tool for the performance of one buildings or a whole portfolio of buildings. The advantage is the EPA's data base of buildings all across the US and Canada to compare energy use as a benchmark.

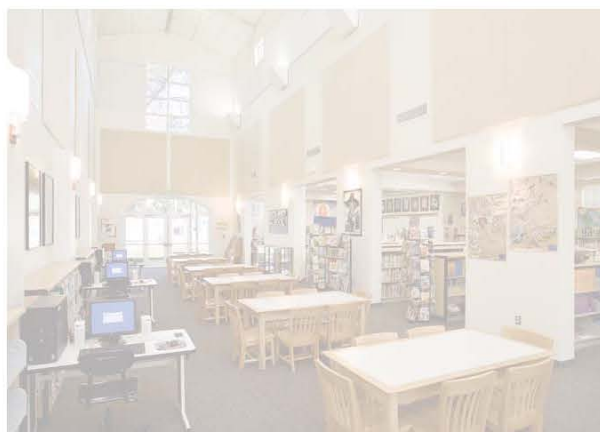
Other Local San Diego Environmental Factors

San Diego City Design Criteria- The San Diego City Building Codes, Regulations and Requirements follow the latest California Building Codes with a few exceptions which are detailed in the City Council Docket. The city provides for alternative materials, design or methods based on submittals for board approval and advisory.



Project Organization and Key Personnel

8



8. ORGANIZATION & KEY PERSONNEL



Team Members' Experience

The Barnhart-Reese / Webb Cleff team members are experts at managing construction programs and projects because we understand the elements that make up the whole. Our staff and management have worked with public and private entities locally and state-wide. We understand the concerns of your staff members, administration, and the San Diego community.

Barnhart-Reese, along with the majority of our team, are locally owned and headquartered in San Diego County. As such, the staff and management bring a strong local understanding of San Diego law, ordinances, regulations, policies, requirements and permitting as we have designed and constructed hundreds of local projects over the past four decades.

Together, Barnhart and Webb Cleff management have a decades-long, successful past of delivering high quality K-12 education projects for Southern California school districts. Relevant to this RFQ, the team completed Design-Build services for the new Ashley Falls Elementary School for Del Mar Union School District, as well as new construction and additions for the Tustin Unified School District and new construction of Tahquitz High School for the Hemet Unified School District.

Subconsultant Team Members

We have assembled a strong team of local subconsultants for the Energy Conservation / Building Retrofit projects. *Barnhart-Reese Construction, along with team members Johnson Consulting Engineers, AE Engineers and Energy Retrofits is currently serving as Design-Builders for the Poway Unified School District's Proposition 39 Energy projects.* In addition, our team includes DEC Mechanical Engineers, bringing over 23 years of mechanical engineering and commissioning experience to this project. Their in-depth knowledge of energy retrofit projects throughout San Diego will be utilized to provide the City of San Diego with the most efficient and maintainable HVAC systems to reduce overall energy costs while improving the indoor

environment. Our Structural Engineer, SMR Consulting Structural Engineers, have successfully completed several projects for the City of San Diego, including the City of San Diego Vault, Pump Station 84 and Black Mountain Ranch Sewer Lift Station, Pump Station 92.

Current and Planned Workload

The Barnhart-Reese team is a carefully selected Design-Build team. Members were selected specifically for the Energy Conservation / Building Retrofits MACC projects because of their ability to provide high-quality services, in balance with budget, schedule, safety and their collaborative spirit.

Barnhart-Reese Construction is currently underway on the Skyline Branch Library, which is scheduled to be complete in the Fall of 2016. We are proposing to use many of the same construction team members from the Skyline Branch Library project, including Senior Project Manager Charles McArthur, Project Manager Chase Lowary, and Superintendent Chuck Neumann.

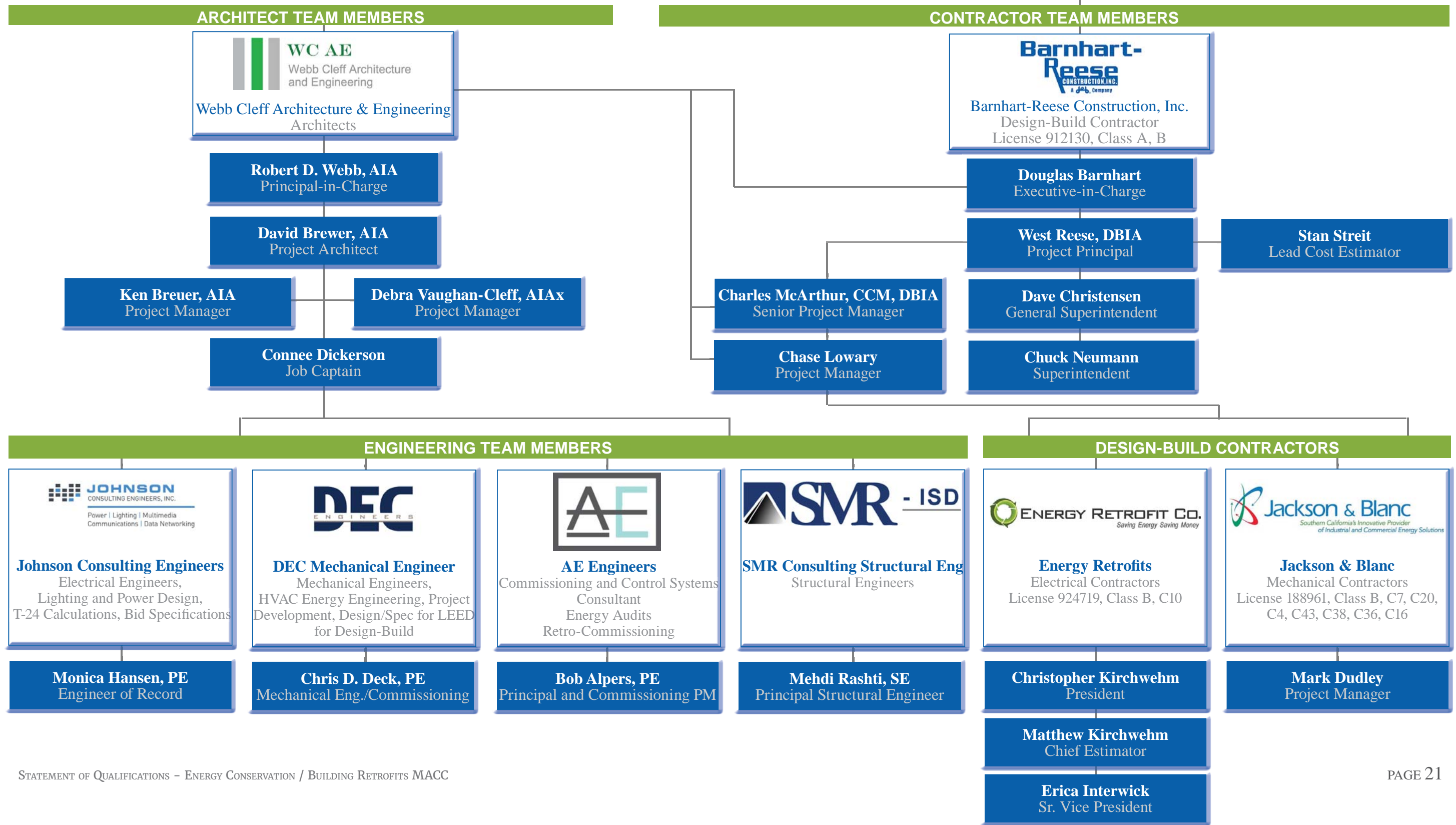
Barnhart-Reese's current backlog also includes the Coronado Senior Activity Center for the City of Coronado with an estimated completion date of November 2016. The firm is also under way on construction of the Ocean View Terrace Dining Renovation for UC San Diego. Slated for LEED Gold certification, this fast-track project is expected to be completed mid-September 2016.

Also for the City of San Diego, Barnhart-Reese is underway on construction for the Bayside Fire Station #2, on-going through September 2017.

Barnhart-Reese is also in progress on various tenant improvement projects for a medical office building in Temecula. These projects have other staff members assigned to them and they should not affect the level of service anticipated for the City of San Diego.

Following is an organization chart and detailed resumes of our qualified team.

ORGANIZATIONAL CHART



8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Douglas E. Barnhart**
Chairman / Executive-in-Charge

BRIEF PROFILE: Douglas is the executive-in-charge. He will lead the team, bringing extensive experience to the construction management team. Douglas is an expert in alternative delivery methods and has an exceptional talent for team building and problem solving. Mr. Barnhart is one of the founders of Barnhart-Reese Construction, which was started in 2008 shortly after the sale of his namesake company, Barnhart, Inc. a top local general contractor and one of the top 100 in the U.S. and top 15 in California.

RELEVANT EXPERIENCE:

Poway Unified School District Proposition 39 Services, Poway Design-Build/CM | current 5 year program

Fallbrook Union Elementary School District Prop 39 Services Construction Managers | current 5 year program

Pershing Middle School Whole Site Modernization, San Diego General Contractor | 2015

Modernizations to National City Middle School, Castle Park Middle School, and Granger Junior High School, National City Construction Managers | 2007 (3 year summer mod program)

Oak Valley Middle School, San Diego * Lease-Leaseback | 2005

Veterans Elementary School, Chula Vista * CM Multi-Prime | 2005

Wolf Canyon Elementary School, Chula Vista * CM Multi-Prime | 2007

Chula Vista Elementary School Modernizations, Chula Vista * CM Multi-Prime | 1999 - 2004

Southwestern College Higher Education Center, Chula Vista * CM at Risk | 2007

Southwestern College Education Village , National City CM at Risk | 2004

Herbert Ibarra Elementary School, San Diego * Design-Build w/GMAX | June 2005

National City Municipal Library * CM Single-Prime | 2005

SDSU College of Arts & Letters, San Diego * Design-Build w/GMAX | 2005

* Projects completed under Barnhart, Inc.



**% of Time dedicated to
MACC:** 5%

Office Location:
San Diego

Qualifications/License:
CA Contractors License
#912130 / Class B, A

Commissioner, San Diego
Planning Commission - 4
year term starting 2015

Governor's appointee and
past-chairman of the
California Contractor's State
License Board

Active in AGC; served as
President of San Diego AGC
and in 2008 was President
for AGC of America

Current Position:
7 years

Relevant Experience:
40 years

Education:
Bachelor of Science, Civil
Engineering, Texas Tech
University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: West Reese, DBIA Associate
CEO / Project Principal

BRIEF PROFILE: West will provide oversight of the project management team. He will work with the District through design to ensure your goals are met, as well as monitor the budget and schedule to ensure all points are on target.

As project principal, West will be involved in the project from contract award to project commissioning. In addition to his management oversight and coordination responsibilities, he will monitor the project schedule and budget and be involved in any changes to either the owner or subcontractor contracts.

RELEVANT PROJECT EXPERIENCE

Poway Unified School District Prop 39 Services, Poway, CA

Design-Build/CM | 5 year program

Currently providing Prop 39 services for the school district's 38 campuses. Projects include retrofits to exterior and interior lighting, recommissioning HVAC equipment, optimization of building automation system scheduling capabilities, and other energy efficiency measures as determined through benchmarking of each school's energy usage.

Fallbrook Union Elementary School District Prop 39 Services

Construction Manager | 5 year program

Currently assessing energy requirements and demands at each school site in the district to determine energy conservation measures to maximize Prop 39 funding. First task was the review of relocatable classroom building HVAC units. The units, due to their location on campuses, are not currently networked to the campus control systems. Our team is developing a wireless control system so that these units may be controlled remotely, greatly increasing energy savings on several campuses.

Pershing Middle School Whole Site Modernization, San Diego

General Contractor | 2015

Modernization and upgrades to multiple classroom and support/service buildings and related site and underground site utility work. Building system improvements include lighting, fire alarm, electrical, plumbing, HVAC systems and new fire sprinklers. The project was completed in 6 phases to alleviate disruption to the teachers and students.

Del Norte High School, San Diego, CA *

Lease-Leaseback / Design-Assist | 2009

Del Norte High School was constructed for the Poway Unified School District. The 212,000 SF campus spans over 62 acres. In addition to classrooms, science and art labs, library, and a performing arts complex, the campus boasts an expansive athletic facility encompassing a sports stadium, ball fields, tennis and basketball courts, pool, gymnasium, as well as shower and locker facilities.

* Projects completed under Barnhart, Inc.



**% of Time dedicated to
MACC:** 10%

Office Location:
San Diego

Qualifications/License:
DBIA Accredited
Professional

Current Position:
7 years

Relevant Experience:
12 years

Education:
Bachelor of Arts, University
of California
San Diego

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: Charles McArthur, CCM,
LEED AP, DBIA, Sr. Project Manager

BRIEF PROFILE: Charles McArthur brings more than 26 years of experience in all phases of construction management, including project management, schedule management, and cost management.

Chuck's responsibilities include the direct oversight of the project team, construction document management between contractors, subcontractors and the owner, as well as the architect, and cost and schedule management. Chuck will monitor the schedule and coordinate all aspects of subcontractor administration including but not limited to RFI management, change orders, submittal submission and approval, subcontractor billings and documentation of meetings and other events. He will assist West in the preparation of closeout documents.

RELEVANT EXPERIENCE:

Poway Unified School District Prop 39 Services, Poway, CA Design-Build/CM | 5 year program

Currently providing Prop 39 services for the school district's 38 campuses. Projects include retrofits to exterior and interior lighting, recommissioning HVAC equipment, optimization of building automation system scheduling capabilities, and other energy efficiency measures as determined through benchmarking of each school's energy usage.

Fallbrook Union Elementary School District Prop 39 Services Construction Manager | 5 year program

Currently assessing energy requirements and demands at each school site in the district to determine energy conservation measures to maximize Prop 39 funding. First task is the review of relocatable classroom building HVAC units. The units, due to their location on campuses, are not currently networked to the campus control systems. Our team is developing a wireless control system so that these units may be controlled remotely, greatly increasing energy savings on several campuses.

Modernizations to National City Middle School, Castle Park Middle School, Granger Junior High School, National City, CA * Construction Manager | 2007

Projects included whole school modernizations for National City Middle School, Castle Park Middle School, and Granger Junior High School. Completed as summer modifications phased over 3 summers, the projects included mechanical and electrical upgrades throughout the campuses. In addition to upgrades to classroom buildings, National City Middle School also included new construction of a locker room addition.

Oak Valley Middle School, San Diego, CA * Lease-Leaseback | 2005

The Oak Valley Middle School consists of six buildings and spans 136,605 square feet. The school features a new library, computer lab, administrative offices, three 2-story classroom buildings, multi-purpose room, gymnasium, and athletic fields.

* Projects completed with Barnhart, Inc.



**% of Time dedicated to
MACC:** 30%

Office Location:
San Diego

Qualifications/License:
DBIA Accredited Prof.
Certified Construction
Manager (CMAA)
LEED Accredited Prof.

EM-385 1.1 10-Hr OSHA 30
ACI Level I and II Certified

USACE Construction
Quality Management for
Contractors Certification
Primavera P6 Scheduling

Current Position: 6 years

Relevant Experience:
26 years

Education: Bachelor of
Science, Construction
Engineering & Technology
Louisiana Tech University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

Dave Christensen
General Superintendent

BRIEF PROFILE Dave Christensen is a seasoned construction professional with 30 years of experience. Dave has spent over sixteen years of his career with Mr. Barnhart and his companies, and enjoys an excellent rapport with owners, architects, and sub-contractors. As general superintendent, Dave will have significant project involvement both during preconstruction and construction.

His expertise in identifying value engineering opportunities and the development of constructible project elements is exceptional. Dave's involvement during preconstruction includes phasing and schedule development and development of the quality control plan. He has extensive knowledge and experience with HVAC, plumbing, gases, instrumentation, equipment, controls, and electrical systems, as well as utility relocations and major infrastructure improvements to ensure no shutdowns during the construction process.

RELEVANT PROJECT EXPERIENCE

Skyline Hills Branch Library, San Diego, CA

Design-Build | currently in construction | Slated for LEED Silver
Currently in construction, Barnhart-Reese is teamed with Little for this 16,500 square foot library. The facility includes a multi-purpose/community room, outdoor patio, offices, staff lounge, workroom, and a computer room for patrons. The project is slated for LEED Silver Certification.

Sharp Chula Vista Parking Garage, Loop Road and Cooling Tower Design-Build | 2015

This \$21 million, 260,000 SF project includes improvements as the first phase of the campus master plan, including a 750-car parking garage, a new cooling tower, a new loop road with underground utilities, infrastructure for a redundant power supply to the campus, healing gardens, signage, and campus entry improvements. The project's complexity required critical path construction scheduling to complete on a hard deadline, with coordinated commissioning and move in requirements.

SDSU Villa Alvarado Apartments Renovation, San Diego, CA *

Design-Build | 2013 (9 week summer schedule)
The Villa Alvarado Apartments is a hybrid Design-Build project to renovate 8 units using high end finishes such as granite counter tops and house-grade appliances. Once underway, black mold was found in the walls, The project was saved by an innovative solution of sandblasting the studs and sealing them to protect from further mold growth.

Wounded Warrior Hope and Care Center, Camp Pendleton, CA * 2011 | \$33 million | LEED Platinum Certification

This 30,000 SF structure has 38 office spaces and accommodates Wounded Warrior Family Readiness staff, Licensed Clinical Social Workers and Recovery Care Coordinators. The Center also hosts the Battalion's Warrior Athletic Reconditioning Program, which operates a state of the art physical training facility.

* Projects completed with Barnhart and Balfour-Beatty



**% of Time dedicated to
MACC:** 30%

Office Location: San Diego

Qualifications/License:
OSHA 30 hour Safety Program

OSHA Competent Person
"Excavations" program

OSHA Competent Person
"Scaffolding"

AGC Fall Protection program
Cal OSHA Riggers Card

AGC All-Terrain Fork Lift
Certified

Current Position:
6 years

Relevant Experience:
30 Years

Education:
Army Corps of Engineers
EM-385
10-hour safety program

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Stan Streit**
Lead Cost Estimator

BRIEF PROFILE: Stan Streit has been involved in the construction industry for over 32 years. Stan has spent over fifteen years of his career with Mr. Barnhart and his companies, starting out as a Carpenter and working his way up to Project Manager and Senior Project Estimator in the past ten years. Stan works closely with all construction trades, project executives, project managers, superintendents, design professionals, and owners. Stan's responsibilities include preparation of budgets, estimates, and pre-bid packages. He will work with the project management team in establishing a bidders list, soliciting and evaluating subcontractor proposals and scope of work, preparing quantity surveys, and reviewing project plans and specifications for constructability and value engineering.

RELEVANT EXPERIENCE:

Encinitas Fire Station 2 Reconstruction, Cardiff-by-the-Sea *

Construction Manager | 2012

The new 6,330 SF, single-story station includes offices, a training classroom, physical fitness area and two bays for fire trucks and other emergency equipment; includes dorm rooms, dining area, kitchen and day room and exercise room.

Renovations and Repairs to BEQ 52609, Camp Pendleton, CA *

Design-Build | 2005

BEQ 52609 is a 4-story, 60,000 SF CMU/concrete floor and steel roof structure. It includes sleeping rooms for 308 Enlisted Personnel, Administrative and Clerical offices, common lounge and game rooms and a duty office for the School of Infantry (SOI). Common support areas, including media and game rooms, library reading room, and laundries are centralized in the building. The project scope includes site, building exterior, building interior, FF&E, fire protection, mechanical, plumbing and electrical work.

Rio Seco Elementary School Modernization, Santee, CA *

Construction Management | 2008

\$7.9 million modernization of 15 buildings, including classrooms and library renovation

Rio Seco Elementary School Addition, Santee, CA *

Construction Management | 2008

\$17.1 million addition of a new building to house 10 classrooms. The project was completed in 5 phases to alleviate disruption to the teachers and students.

* Projects completed with Barnhart, Inc. / Balfour-Beatty



% of Time dedicated to
MACC: 15%

Office Location:
San Diego

Qualifications/License:
AED Training

SWPPP

Navy Construction Quality
Control

ZERO HARM STOP

Fall Protection Competent
Person

Advanced First Aid/CPR

Affiliations/Membership:
Associated General
Contractors (AGC)

Construction Management
Association of America
(CMAA)

Current Position:
4 months

Relevant Experience:
26 years

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

Chase Lowary
Project Manager

BRIEF PROFILE Chase Lowary has been in the construction industry for over 19 years, with strong and diverse construction field and supervisory experience. He has managed numerous K-12 education projects, including new schools, modernizations, and tenant improvements. Chase is highly adept in handling multiple competing priorities within fast-paced projects, while consistently meeting all schedule and quality control requirements.

Chase's responsibilities include design and specification review, front end construction document preparation, bidding and buyout, safety, material procurement, scheduling, project budget, building code compliance, contract closeout, and warranty periods.

RELEVANT EXPERIENCE:

Skyline Hills Branch Library, San Diego, CA

Design-Build | currently in construction | Slated for LEED Silver
Currently in construction, Barnhart-Reese is teamed with Little for this 16,500 square foot library. The facility includes a multi-purpose/community room, outdoor patio, offices, staff lounge, workroom, and a computer room for patrons. The project is slated for LEED Silver Certification.

Southwestern College Central Plant, Field House & Stadium Improvements, National City, CA

CM at Risk | \$45,250,000 | LEED Gold Certified
9 buildings, approximately 100,000 SF on an occupied campus

Academy K-12 Middle School, Long Beach USD, Long Beach, CA

CM Services | \$45,000,000 | 2015
7 buildings, approximately 150,000 SF of new construction

Redondo Beach USD Measure "C" Bond District Modernization

Lease-Leaseback/CM Services | \$160,000,000
Work on 14 occupied K-12 campuses, several LEED certified projects.

Katella High School Modernization, Anaheim, CA

General Construction | \$10,585,000
Work performed on occupied campus

Leuzinger High School Modernization, Lawndale, CA

General Construction | \$7,111,000
Work performed on occupied campus

Hawthorne High School Modernization, Hawthorne, CA

General Construction | \$5,612,000
Work performed on occupied campus

Lawndale High School Modernization, Lawndale, CA

General Construction | \$2,345,000
Work performed on occupied campus

* Project completed with previous employers



**% of Time dedicated to
MACC:** 30%

Office Location:
San Diego

Qualifications/License:
OSHA 30 hour Safety
Program

SWPPP, 2009
AED Training, 2009
First AID
BIM Training, 2010
Zero Harm STOP, 2010
Defensive Driving

Current Position:
1 year

Relevant Experience:
19 Years

Education:
Business Administration,
Mesa Community College,
San Diego, CA
Business Administration,
CSU San Bernardino, San
Bernardino, CA

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Chuck Neumann**
Superintendent

BRIEF PROFILE: Chuck Neumann has been in the construction industry for over 25 years, with an emphasis on civic, education, and military projects. He has a track record for successful completion of multi-million dollar projects through developing partnerships and building positive rapport with architects, engineers, local officials, vendors and clients while maintaining costs.

Chuck's responsibilities include day-to-day coordination of multiple projects, activities and deadlines across a variety of internal and external departments. He will communicate problems to management, technical personnel and contractors to resolve issues as they occur.

RELEVANT EXPERIENCE:

Skyline Hills Branch Library, San Diego, CA

Design-Build | currently in construction | Slated for LEED Silver
Currently in construction, Barnhart-Reese is teamed with Little for this 16,500 square foot library. The facility includes a multi-purpose/community room, outdoor patio, offices, staff lounge, workroom, and a computer room for patrons. The project is slated for LEED Silver Certification.

Poway Unified School District Prop 39 Services, Poway, CA

Design-Build/CM | 5 year program
Currently providing Prop 39 services for the school district's 38 campuses. Projects include retrofits to exterior and interior lighting, recommissioning HVAC equipment, optimization of building automation system scheduling capabilities, and other energy efficiency measures as determined through benchmarking of each school's energy usage.

Libby Elementary School, Oceanside, CA *

Lease-Leaseback | 2004
Located on a 14 -acre site, this \$12 Million project encompassed modernization of seven classroom/library buildings, conversion of a multi-purpose building into an administration/classroom building, new construction of two quad classroom buildings, as well as the installation of three new modular buildings.

Paint Hangar, NAVFAC Southwest Division

Design-Build | \$9M | 34,000 SF
Construction of a pre-engineered metal hangar designed with state-of-the-art air pollution control system and ten spray booths, large enough to accommodate M1A1 tanks. The building houses all of the industrial operations involving the use of paints and undercoating compounds for the Navy Base. The project includes the design, engineering and construction of a complete and usable industrial facility including site clearing and grading.



**% of Time dedicated to
MACC:** 100%

Office Location:
San Diego

Qualifications/License:

California Contractors
License A and B

Current Position:
1 year

Relevant Experience:
26 years

Education:
Bachelor of Science,
Arizona State University
School of Engineering &
Construction Management

* Projects completed with previous employers

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

**Robert D. Webb, AIA,
PIC, Sr. Project Architect**

BRIEF PROFILE Bob Webb brings more than 30 years of experience in creative design with regard to many areas of education, public, and private architecture. He has been providing architectural project management, design, and construction administration for educational projects exclusively for the past 15 years. Additionally, Mr. Webb is an experienced general contractor, specifications writer, and cost estimator. He is able to develop effective design solutions, complimented by current technology skills, including the use of building information modeling (BIM), to produce a high-quality, low-maintenance design, within budget and time constraints. Bob also has extensive experience in sustainable design, ADA compliance, code analysis, and project quality control.

RELEVANT EXPERIENCE:

**HVAC Modernizations for 28 School Sites,
San Diego Unified School District, San Diego, CA**
Project Architect | 2015 - ongoing

This second phase of district-wide HVAC modernizations is comprised of extensive field investigation to discern extent of scope needed for installation of new mechanical systems and/or equipment, and any associated structural and electrical work needed to support the systems.

**District-wide HVAC Modernizations,
National School District, National City, CA**
Project Architect | 2014 - ongoing

Extensive building systems work has been happening across this District for these projects, with four schools completed in the summer of 2015, and four more scheduled for construction this coming. Scope of these renovations include new rooftop HVAC units with associated structural improvements, new mechanical duct work and registers, including ceiling replacement as required, fire alarm upgrades, and electrical improvements to wiring, outlets, conduit, and installation of new LED fixtures.

**HVAC Modernizations at Guin Foss Elementary and Foothill
High Schools, Tustin Unified School District, Tustin, CA**
Project Architect | 2016 and 2014, respectively

These two projects included replacement of existing electrical and mechanical systems, as well as structural and ceiling improvements as required for new mechanical work. At Guin Foss, additional mechanical screens were placed to obstruct the view of the new roof-mounted HVAC units.

**Energy Upgrade Modernization, Olivenhain Pioneer Elementary
School, Encinitas Union School District, Encinitas, CA**
Project Architect | 2014

This campus-wide modernization included replacement of HVAC units, repairing and replacing roofing, as necessary, new Solatube skylights in all classrooms, offices, and toilets, including relocatable buildings, new photovoltaic carport structures in parking and play areas, and associated site work and accessibility upgrades.



WC AE
Webb Cleff Architecture
and Engineering

**% of Time dedicated to
MACC: 30%**

Office Location:
Encinitas

Qualifications/License:
Licensed Architect:
California, C-28036
New Mexico, 1522
LEED Professional
Member:
American Institute of
Architects
Coalition for Adequate
School Housing

Current Position:
6 years

Relevant Experience:
31 years

Education:
Bachelor of Fine Arts,
Architecture
University of New Mexico

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

David Brewer, AIA
Project Architect

BRIEF PROFILE David Brewer brings more than 25 years of experience in the design and planning for K-12 educational facilities, and has additional experience in public, recreational, and private design projects. He is focused on meeting specific project requirements and client needs, with an emphasis on contextually relevant and responsive design solutions, with inherent sustainability. Having a strong background in all facets of school planning and construction, Mr. Brewer plays an instrumental role in each project he is involved in. His attention to detail, in particular in the programming and site investigation phase, as well as during construction administration, has successfully limited change orders on summer sprint construction projects with extremely tight deadlines.

RELEVANT EXPERIENCE:

HVAC Modernizations for 28 School Sites, San Diego Unified School District, San Diego, CA

Project Manager | 2015 - ongoing | This second phase of district-wide HVAC modernizations is comprised of extensive field investigation to discern extent of scope needed for installation of new mechanical systems and/or equipment, and any associated structural and electrical work needed to support the systems.

Energy Upgrade Modernization, Olivenhain Pioneer Elementary School, Encinitas Union School District, Encinitas, CA

Project Architect | 2014 | This campus-wide modernization included replacement of HVAC units, repairing and replacing roofing, as necessary, new Solatube skylights in all classrooms, offices, and toilets, including relocatable buildings, new photovoltaic carport structures in parking and play areas, and associated site work and accessibility upgrades.

District-wide HVAC Modernizations, National School District, National City, CA

Project Manager | 2014 - ongoing | Extensive building systems work has been happening across this District for these projects, with four schools completed in the summer of 2015, and four more scheduled for construction. The renovations include new rooftop HVAC units with associated structural improvements, new mechanical duct work and registers, including ceiling replacement as required, fire alarm upgrades, and electrical improvements to wiring, outlets, conduit, and installation of new LED fixtures.

HVAC Modernizations at Guin Foss Elementary and Foothill High Schools, Tustin Unified School District, Tustin, CA

Project Manager | 2016 and 2014, respectively | These two projects included replacement of existing electrical and mechanical systems, as well as structural and ceiling improvements as required for new mechanical work. At Guin Foss, additional mechanical screens were placed to obstruct the view of the new roof-mounted HVAC units.



WC AE
Webb Cleff Architecture
and Engineering

**% of Time dedicated to
MACC: 30%**

Office Location:
Encinitas

Qualifications/License:
Licensed Architect:
California, C-26687
LEED Professional (in
progress)
Member:
American Institute of
Architects

Current Position:
2 years

Relevant Experience:
25 years

Education:
Bachelor of Architecture
University of Arizona

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME **Ken Breuer, AIA**
Project Manager

BRIEF PROFILE Mr. Breuer has been responsible for the design and construction documents for the new construction of more than eight elementary, five middle, and ten high schools, as well as new high school stadiums and aquatic facilities. Ken's experience also includes extensive work modernizing existing school campuses.

Ken is responsible for updating and editing in-house master specifications to the latest DSA, ADA, and IBC code requirements, including updating specifications for new products and construction materials, and writing and editing job-specific specifications to include the District's standards for products and materials. His role of supplying additional quality assurance and quality control measures for all of our office's projects is key to our success.

RELEVANT EXPERIENCE:

HVAC Modernizations for 28 School Sites, San Diego Unified School District, San Diego, CA

Project Manager | 2015 - ongoing | This second phase of district-wide HVAC modernizations is comprised of extensive field investigation to discern extent of scope needed for installation of new mechanical systems and/or equipment, and any associated structural and electrical work needed to support the systems.

District-wide HVAC Modernizations, National School District, National City, CA

Project Manager | 2014 - ongoing | Extensive building systems work has been happening across this District for these projects, with four schools completed in the summer of 2015, and four more scheduled for construction. The renovations include new rooftop HVAC units with associated structural improvements, new mechanical duct work and registers, including ceiling replacement as required, fire alarm upgrades, and electrical improvements to wiring, outlets, conduit, and installation of new LED fixtures.

New Construction of Tahquitz High School, Hemet Unified School District, Hemet, CA

Project Manager and Project Architect | 2004-2009
This brand new, 3,000 student high school campus included the construction of an administration, theater, gymnasium, and food service building, along with six classroom buildings, two shower and locker room buildings, a food service kiosk, multiple lunch shade structures, and 2 ticket booths to service the future stadium and the aquatic facility. The campus also features a prominent clock tower building. This project was designed and constructed while Ken worked for a previous architecture firm, with construction led by members of the Barnhart-Reese team.



WC AE
Webb Cleff Architecture
and Engineering

**% of Time dedicated to
MACC: 30%**

Office Location:
Encinitas

Qualifications/License:
Licensed Architect:
California, C-12159

Current Position:
1 year

Relevant Experience:
35 years

Education:
Bachelor of Architecture
Arizona State University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

Debra Vaughan-Cleff, P.E., AIAx
Project Manager

BRIEF PROFILE

Ms. Vaughan-Cleff has more than 20 years of experience in project management, design, construction observation and inspection of architectural and civil engineering projects, including all aspects of building, transportation, hydrology, hydraulics, SWPPP, utilities, site grading and drainage, and estimating. Her experience with current technologies. Additionally, Ms. Vaughan-Cleff has been involved with a wide variety of architectural and civil engineering projects for schools, both modernization and new construction projects, including elementary, middle, high, and adult schools from inception to final closeout. She has extensive experience in project applications and coordination with regulatory agencies like OPSC, CDE, Fire Marshal, City, County and Utility Districts.

RELEVANT EXPERIENCE:

HVAC Modernizations at Guin Foss Elementary and Foothill High Schools, Tustin Unified School District, Tustin, CA

Project Manager | 2016 and 2014, respectively

These two projects included replacement of existing electrical and mechanical systems, as well as structural and ceiling improvements as required for new mechanical work. At Guin Foss, additional mechanical screens were placed to obstruct the view of the new roof-mounted HVAC units.

Energy Upgrade Modernization, Olivenhain Pioneer Elementary School, Encinitas Union School District, Encinitas, CA

Project Manager | 2014

This campus-wide modernization included replacement of HVAC units, repairing and replacing roofing, as necessary, new Solatube skylights in all classrooms, offices, and toilets, including relocatable buildings, new photovoltaic carport structures in parking and play areas, and associated site work and accessibility upgrades.

Energy Upgrade Modernization, Hill Creek Elementary School, Santee School District, Santee, CA

Project Manager | 2009 - 2012

Santee School District has been very aggressive in their efforts to reduce energy costs, undertaking one of the first Net Zero schools in the state. A comprehensive modernization increased the insulation, installed cool roofs, replaced an outdated chiller system with high-efficiency package units, and added daylighting to each space. All lighting was replaced with T-8 25 watt lamps. As part of the modernization, extensive solar structures were added. These panels generate enough power on an annual basis to feed power back to the grid at a profit. The project was supplemented with CREBS grants from the federal government. The payback period for the total project is less than 7 years, and the SIR is over \$1.05.



WC AE
Webb Cleff Architecture and Engineering

% of Time dedicated to MACC: 30%

Office Location:
Encinitas

Qualifications/License:
California Professional Engineer #62,788
expiration 6/30/2018

Current Position:
6 years

Relevant Experience:
26 years

Education:
Bachelor of Science, Civil Engineering, University of New Mexico
Post Graduate Work:
Hydrology and Hydraulics
University of New Mexico

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

Connee Dickerson
Job Captain

BRIEF PROFILE Connee comes to us with more than fifteen years of experience working on schools in Southern California. She has worked on dozens of projects for multiple school districts, covering a wide array of project scopes. She has successfully seen these projects through the entire construction process, from design and construction documents, to DSA project approval, and through construction administration to project closeout with DSA certification. Ms. Dickerson plays an active role not just in the office, but also in the field. Having someone who knows the plans so well also out in the field for construction meetings is incredibly beneficial, as it streamlines the process of finding the most effective solutions to issues that may arise out in the field.

RELEVANT EXPERIENCE:

HVAC Modernizations for 28 School Sites, San Diego Unified School District, San Diego, CA

Job Captain | 2015 - ongoing

This second phase of district-wide HVAC modernizations is comprised of extensive field investigation to discern extent of scope needed for installation of new mechanical systems and/or equipment, and any associated structural and electrical work needed to support the systems.

District-wide HVAC Modernizations, National School District, National City, CA

Job Captain | 2014 - ongoing

Extensive building systems work has been happening across this District for these projects, with four schools completed in the summer of 2015, and four more scheduled for construction. The renovations include new rooftop HVAC units with associated structural improvements, new mechanical duct work and registers, including ceiling replacement as required, fire alarm upgrades, and electrical improvements to wiring, outlets, conduit, and installation of new LED fixtures.

HVAC Modernization at Guin Foss Elementary School, Tustin Unified School District, Tustin, CA

Job Captain | 2015-2016

This project included replacement of existing electrical and mechanical systems, as well as structural and ceiling improvements as required for new mechanical work. Additionally, mechanical screens were placed to obstruct the view of the new roof-mounted HVAC units.

Minor Modernizations at Ocean Knoll and Capri Elementary Schools, Encinitas Union School District, Encinitas, CA

Job Captain | 2015 - ongoing

Scope for these concurrent summer sprint projects includes full energy upgrades with construction of new Solatube skylights in classrooms, offices, and toilets, minor kitchen redesign, and new windows, as well as carport photovoltaic structures, and associated miscellaneous site work.



WC AE
Webb Cleff Architecture
and Engineering

**% of Time dedicated to
MACC: 30%**

Office Location:
Encinitas

Current Position:
1 year

Relevant Experience:
15 years

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Monica Hansen, P.E.**
Engineer of Record

BRIEF PROFILE: Monica Hansen has over 25 years in electrical engineering system design experience from conception thru construction administration. Her technical expertise includes electrical power distribution design, energy efficient lighting design, fire alarm systems, signal and communication systems, controls and emergency power systems, and building security systems. The combination of her experience and commitment to improving and providing quality facilities is an asset to the team.

Monica's responsibilities would include project coordination of electrical system design and development, electrical service upgrades, electrical distribution improvements, specifications, cost estimates, energy compliance, energy management system upgrades and project specific electrical system design support and construction administration throughout the entire project.

RELEVANT EXPERIENCE:

Escondido Union School District | Current

Review of the existing electrical systems to determine the condition of those systems, and recommend which items will require modernization or upgrade. This review covers all campuses within the district. JCE will evaluate the existing power systems, lighting, fire alarm, telephone / Intercom system, data network and security systems and recommend energy efficiency opportunities.

Murrieta Mesa High School - Murrieta Valley USD | 2011

The scope of this project was to provide the electrical system design for the construction of the new high school which is a 275,000 square foot facility that includes a stadium and pool. Johnson Consulting Engineers completed the design for power distribution, lighting, data networking, fire alarm system, intercom, clock, telecommunications and classroom audio/visual systems. Design also included sports lighting and sound system at both the stadium and swimming pool venues. The electrical and technology system designs utilize the latest in energy efficiency and exceeds California's Title 24 energy requirements by up to 29.4%, and met the latest Building Codes, National Fire Codes and Industry Referenced Standards.

San Marcos High School - San Marcos USD | 2014

Located on a 45 acre site, the 425,000 SF of building area is designed to engage up to 3, 200 students. The planning phase was a highly inclusive process involving multiple groups, in meetings that varied in format from formal presentations to informal workshops, charrettes, and work sessions. Students, parents, faculty, the community, and representatives from SMUSD were involved throughout the development of the design solution. The education facility was constructed over a 36 month period and was done over three phases. JCE scope of work consisted of power distribution, lighting, security and fire alarm system, video surveillance, classroom audio visual and voice-data infrastructure.



**% of Time dedicated to
MACC:** 40%

Office Location:
Poway

Qualifications/License:
California Registered
Professional Engineer No.
E-14781, expires 6/30/17

Professional Affiliations:
Community College Facility
Coalition
National Fire Protection
CA Coalition for School
Housing
Illuminating Engineering
Society

Current Position:
1 year

Relevant Experience:
25 years

Education: Bachelor
of Science, Electrical
Engineering, 1988 Boston
University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Chris D. Deck, PE, LEED AP, CEM, CCP**
Mechanical Engineer/Commissioning

BRIEF PROFILE: Mr. Deck brings more than 23 years of mechanical engineering and commissioning experience to this project. His in-depth knowledge of energy retrofit projects throughout San Diego will be utilized to provide the City of San Diego with the most efficient and maintainable HVAC systems to reduce overall energy costs while improving the indoor environment. Mr. Deck has been at the forefront of energy projects in San Diego over the last 20 years and has developed energy related projects in over 20,000,000 sf of buildings throughout San Diego. He also has a close working relationship with SDG&E to maximize available energy rebates or incentives for the project through energy modeling.

RELEVANT EXPERIENCE:

Rancho Penasquitos Library, City of San Diego

Developed the Commissioning plan and functional performance testing for the HVAC replacement and DDC upgrades for the Rancho Penasquitos Library. The scope of the project was to replace the entire HVAC system within a fully operating library to improve indoor air quality and reduce annual energy consumption.

City of San Diego - Steam Boiler Replacement

The scope of work included the replacement of the central steam boilers at the city of San Diego downtown complex. This project was an energy project which replaced out of date steam boilers with high efficiency steam systems. Mr. Deck was the lead engineer for this project and was responsible for the Direct Digital Controls (DDC) upgrades to optimize the system.

Port of San Diego - Administration Building

Mechanical systems design included chilled water and boiler plants, distribution piping. Design included high efficiency chiller (turbocor) and Condensing 95% efficient boilers. Mr. Deck was the lead engineer for this project and was responsible for the Direct Digital Controls (DDC) upgrades to optimize the system.

Energy Conservation Improvements, San Diego

Various energy conservation projects throughout San Diego County encompassing over 20,000,000 SF. Sites included Office, Laboratory, Government Facilities, Universities and Medical Centers. Developed projects and procured funding for implementation of HVAC projects paid for entirely by energy savings.



% of Time dedicated to
MACC: 25%

Office Location:
San Diego

Qualifications/License:
California Registered
Professional Engineer No.
0300087
LEED Accredited
Professional
Certified Commissioning
Professional (CCP)
Certified Energy Manager
CEM

Professional Affiliations:
ASHRAE, USGBC/LEED,
ASPE CBxA - Member

Current Position:
16 years

Relevant Experience:
24 years

Education: Bachelor
of Science, Mechanical
Engineering, San Diego
State University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Bob Alpers, PE**
Principal and Commissioning PM

BRIEF PROFILE: Bob Alpers brings more than 35 years of professional experience in mechanical, plumbing, and electrical systems design, direct digital control systems design, construction management. Bob has over 13 years of direct commissioning experience including new building commissioning, retro-commissioning, existing building commissioning, forensic engineering, and energy analysis.

Bob's "Barnhart Team" responsibilities include management of the commissioning process, developing the California Tile 24 and Cal Green commissioning plans, performing HVAC and lighting system design reviews, contractor submittal reviews, installation and start-up activity observation, functional verification testing, operations and maintenance training facilitation, commissioned systems manual development, and commissioning closeout.

RELEVANT EXPERIENCE:

Poway Unified School District Prop 39 Services, Poway, CA

Construction Retro and ECM Commissioning Manager

As part of the Barnhart Team, AEG is currently providing Prop 39 retro-commissioning services for the school district's 38 campuses. Responsibilities includes determining no-cost/low cost/capital intensive energy conservation measures for HVAC systems, building automation systems, and other energy consuming systems. Develop scope of work for energy conservation and facility improvement measures; facilitate commissioning and functional performance verification of implemented measures.

Fallbrook Union Elementary School District Prop 39 Services

Construction Retro and ECM Commissioning Manager

Currently providing Prop 39 retro-commissioning services for the school district. Responsibilities includes determining no-cost/low cost/capital intensive energy conservation measures (ECM's) for HVAC systems, building automation systems, and other energy consuming systems. Develop scope of work for energy conservation and facility improvement measures, and facilitate commissioning and functional performance verification of implemented measures.

Southwestern College Monitor Based Commissioning Services

Currently providing monitor based commissioning services for District, improving existing building mechanical and electrical systems operating efficiencies, reducing maintenance costs, and improving occupant comfort. Responsible for planning, investigating, monitoring, analyzing, testing, engineering, and verifying system performance.

Naval Air Station North Island, Energy Renovations Projects

Building 793 and Building 678, Coronado, CA | 2016

Commissioning services for multiple HVAC and lighting system retrofit projects. Commissioned the upgraded building HVAC system and controls by testing and verifying calibration of all control devices, confirmed that schedules have been updated to meet the current needs of building occupants, tested and verified controls sequences of operation were updated to site standard optimization programs, facilitated owner training program.



**% of Time dedicated to
MACC:** 17%

Office Location: Poway

Qualifications/License:

California Registered
Mechanical Engineer
No. M-30104, Expiration
09.30.2016

Professional Affiliations:

Certified Commissioning
Authority: AABC
Commissioning Group
(ACG);
Certified Commissioning
Provider: University of
Wisconsin
Certified Retro
Commissioning Provider:
SDG&E, SCE, PG&E, SMUD,
CSU

Current Position:

35 years

Relevant Experience:

35 years

Education:

College of Engineering
Graduate: The Ohio State
University

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Mehdi Rashti, S.E.**
Principal Structural Engineer

BRIEF PROFILE: Since founding the company 38 years ago, Mr. Rashti has provided structural engineering services on a wide range of projects throughout San Diego and the State of California for clients in both the private and public sectors.

Project building types include schools, libraries, community centers, recreational facilities, fitness centers, office buildings, parking structures, dining facilities, and more.

RELEVANT EXPERIENCE:

Energy Investment Services – Miramar Marine Corps Air Station, San Diego, CA | Principal Structural Engineer

Provided structural support services for this project which involved mechanical and electrical upgrades to 8 buildings on the campus. The projects, which were identified from Base Energy Audits, included the replacement of 37 mechanical units, the repair and/or replacement of numerous heat pumps, packaged AC units, condensing units, and other equipment.

HVAC/DDC Replacement – Miramar Marine Corps Air Station, San Diego, CA | Principal Structural Engineer

Provided structural support services for this project which involved mechanical and electrical upgrades to 19 buildings on the campus. The projects included the replacement of 147 mechanical units, the repair and/or replacement of numerous heat pumps, packaged AC units, boilers, chillers, packaged roofing units, condensing units, and other equipment.

Systems Energy Optimization and Repair Project – Marine Corps Air Station, Yuma, AZ | Principal Structural Engineer

Provided structural support services. The project included the repair and/or replacement of HVAC and electrical equipment in five buildings to satisfy energy efficiency requirements. The project required optimization of HVAC equipment, the building envelope, and the lighting systems within the five buildings.

Mechanical Systems Upgrades for Energy Conservation – Thirteen K-12 SDUSD School Libraries – San Diego, CA

Provided structural support services for the upgrade of mechanical systems for the libraries at 13 schools within the San Diego USD. Project involved a wide range of projects, including the removal and replacement of roof-mounted air handling units; the replacement of existing forced air unit systems; upgrades to air distribution and controls systems; and modifications of ductwork and wall louvers.

Renewable Energy Photovoltaic Project – Marine Corps Recruit Depot (MCRD) – San Diego, CA | Principal Structural Engineer

Provided structural support services for a renewable energy project at MCRD involving the design of an extensive roof-mounted PV array which helped the project achieve LEED Platinum certification



**% of Time dedicated to
MACC:** 17%

Office Location:
San Diego

Qualifications/License:
California Registered Civil
Engineer No. C-33464,
06.30.2018; Structural
Engineer S-2834, exp.
06.30.2018
Registered Engineer in 12
other states

Professional Affiliations:
Structural Engineers
Association of California
State Emergency Services
& The Structural Engineers
Risk Management Council

Current Position:
38 years

Relevant Experience:
38 years

Education: Master of
Science, Structural Eng.,
CSU Pomona, 1980
Bachelor of Science,
Structural Engineering,
University of Sussex,
Brighton, England, 1978

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME: **Mark Dudley**
Project Manager

BRIEF PROFILE: Mark has worked in the mechanical trades for thirty years, is a building Trades Journeyman and previous business owner for 15 years and has completed over one thousand projects. Mark holds three trade licenses, B-1 for General Construction, C-20 for HVAC and C-36 for Plumbing. Mark has worked for Jackson & Blanc for a total of 11 years. His primary roles with Jackson & Blanc has been estimating, engineering and project management. Mark has experience in all types and phases of construction from changing out an A/C unit to design and construction of a building.

RELEVANT EXPERIENCE:

Project estimating and design of HVAC systems for commercial and industrial facilities. Evaluation of commercial and industrial heating, ventilation, air conditioning, control and piping systems. Commercial projects have included office buildings, new innovative types of mechanical systems for SDG&E, central plants, telecommunication buildings, military projects, retail malls, Theaters, computer rooms, hotels, schools and hospitals. Industrial projects have included a variety of manufacturing facilities.

Proposition 39 Services

Currently providing Proposition 39 services for HVAC and Building Automation for San Marcos Unified, Vista Unified, Victorville Unified, Fallbrook Union HS, and High Tech High.

San Diego Gas & Electric - Energy Innovation Center

Originally designed as a grocery store in the 1950's, SDG&E's Energy Innovation Center is now a showcase for demonstrating new and emerging technologies. Double LEED Platinum Certified. Photovoltaic array with electric vehicle charging stations.

Barstow Energy Upgrade & Steam Plant De-Commission

Jackson & Blanc teamed with DEC Engineering to provide the HVAC and plumbing construction for an extensive energy upgrade to the 475,000 sq. foot small arms renovation facility at MCLB Barstow. The project consisted of installation of new high efficiency chillers, pumps, boilers, and air handlers to serve the comfort cooling needs of the facility. The production areas previously served by central steam systems for heating were converted to high efficiency gas fired furnaces. Finally many of the industrial cleaning required to refurbish the small arms were served by an in-efficient central steam system. These various cleaning tanks and wash facilities were converted to local high efficiency steam systems or local highly efficient electrical driven systems.

**% of Time dedicated to
MACC:** 30%

Office Location:
San Diego

Qualifications/License:

B-1 General Construction License

C-20 HVAC License

C-36 Plumbing License

Current Position:
7 years

Relevant Experience:
28 years

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME

Christopher Kirchwehm
Founder and President

BRIEF PROFILE Christopher Kirchwehm offers 15 years of experience in all aspects of energy efficient lighting systems, including LED lighting technologies, daylight harvesting and occupancy control systems, California Title 24 lighting standards and utility incentive programs.

As the founder and president of Energy Retrofit Co. (ERC), Chris has provided direct oversight of his staff as the company performed several thousand lighting upgrades resulting in millions of dollars in annual energy savings. On behalf of ERC Chris has received over 35 awards for energy efficiency, including 1st Highest kWh and kWh Energy Savings (SCE) and Top Performer Total kWh Savings for all service areas (PG&E).

RELEVANT EXPERIENCE:

City of San Diego – Various Sites, San Diego, CA

Owner, 2009-2011

Through the SDG&E small business rebate programs, the City of San Diego was able to retrofit many of their facilities from T12 fluorescent lighting to T8 fluorescent lamps and electronic ballasts. Many of the sites included were the life guard stations, fire stations, offices and libraries.

Poway Unified School District, Poway, CA

Owner, 2015-2016

Four Poway USD schools were upgraded using Prop 39 funding and SDG&E rebates. ERC installed new CREE LED troffers, LED T8 tubes, and exterior LED fixtures. Low voltage wiring and dimming controls were installed according to the engineer's specifications and plans for the new fixtures in the classrooms. Provided comprehensive oversight from start to finish.

City of Temecula – Various Sites, Temecula, CA

Owner, 2012-2014

Several buildings and parking lots were upgraded throughout Temecula using Federal stimulus funding along with the SCE rebate programs, including two Fire Stations, the Community Recreation Center and the Senior Center. Low wattage T8 lamps and electronic ballasts were installed along with occupancy controls to maximize energy savings. LED lighting with bi-level occupancy controls were installed in the parking lots. Provided comprehensive oversight from start to finish.

Toyota Carlsbad, Carlsbad, CA

Owner, 2016

Project included LED upgrades to all interior and exterior fixtures, LED replacement T8 lamps, and occupancy controls. This project featured GE exterior site lighting controlled by Daintree wireless system. The Daintree control system was installed by ERC during the lighting installation and was commissioned by ERC and Daintree staff. Provided comprehensive oversight from start to finish.

**% of Time dedicated to
MACC:** 34%

Office Locations:
Temecula, San Diego

Qualifications/License:
B & C10 Contractor
#924719, B, C-10
Expiration: 03.31.2017

Current Position:
8 years

Relevant Experience:
12 years

Education:
Bachelor of Science,
Sociology,
University of California
Irvine

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME **Matthew Kirchwehm**
Chief Estimator

BRIEF PROFILE Matthew Kirchwehm has 8 years of experience in the lighting industry. He has worked diligently to increase his knowledge base to include sales support, an in depth understanding of Title 24 requirements, rebate programs, and lighting design.

Matt has helped Energy Retrofit Co. (ERC) grow and mature into the successful business it has become. His passion is helping customers achieve significant savings, quality, and aesthetics that efficient LED retrofits provide.

RELEVANT EXPERIENCE:

Poway Unified School District, Poway, CA

Project Estimator, 2015-2016

Four Poway USD schools were upgraded using Prop 39 funding and SDG&E rebates. ERC installed new CREE LED troffers, LED T8 tubes, and exterior LED fixtures. Low voltage wiring and dimming controls were installed according to the engineer's specifications and plans for the new fixtures in the classrooms.

City of Temecula – Various Sites, Temecula, CA

Project Estimator, 2012-2014

Several buildings and parking lots were upgraded throughout Temecula using Federal stimulus funding along with the SCE rebate programs, including two Fire Stations, the Community Recreation Center and the Senior Center. Low wattage T8 lamps and electronic ballasts were installed along with occupancy controls to maximize energy savings. LED lighting with bi-level occupancy controls were installed in the parking lots.

County of San Diego – Various Sites, San Diego, CA

Project Estimator, 2014-2015

The County aggressively pursued energy efficient lighting projects throughout multiple facilities, including the Administration building, George Bailey Detention Facility and North County Regional Center. All projects included retrofitting the interior T8 and T12 fluorescent lighting to low wattage T8 lamps and new ballasts and the exterior fixtures were upgraded to LED.

Toyota Carlsbad, Carlsbad, CA

Project Estimator, 2016

Project included LED upgrades to all interior and exterior fixtures, LED replacement T8 lamps, and occupancy controls. This project featured GE exterior site lighting controlled by Daintree wireless system. The Daintree control system was installed by ERC during the lighting installation and was commissioned by ERC and Daintree staff. Provided comprehensive oversight from start to finish.



**% of Time dedicated to
MACC: 33%**

Office Location:
Temecula, San Diego

Qualifications/License:
CALTCP Acceptance
Technician

LEED Certified

AGI32 Lighting Design

PMP Project Management

Current Position:
8 years

Relevant Experience:
8 years

Education:
MBA, Business, University of
Phoenix
Bachelor of Science, Political
Science, UCSD

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME **Erica Interwick**
Sr. Vice President

BRIEF PROFILE Erica Inderwick has been in the lighting industry since 2001. She has experience in all phases of the lighting project from inception to project completion. Her responsibilities include management of each project and working as the primary liaison between Energy Retrofit Co. and the customer. In addition, she reviews each project daily to ensure it is on track meet the schedule and cost projections.

Erica has always maintained strong relationships with the various utility company Program Managers and their teams. She is very familiar with the various rebate/incentive programs, On-Bill Financing and third party programs.

RELEVANT EXPERIENCE:

Poway Unified School District, Poway, CA

Project Manager, 2015-2016

Four Poway USD schools were upgraded using Prop 39 funding and SDG&E rebates. ERC installed new CREE LED troffers, LED T8 tubes, and exterior LED fixtures. Low voltage wiring and dimming controls were installed according to the engineer's specifications and plans for the new fixtures in the classrooms.

City of Temecula – Various Sites, Temecula, CA

Project Manager, 2012-2014

Several buildings and parking lots were upgraded throughout Temecula using Federal stimulus funding along with the SCE rebate programs, including two Fire Stations, the Community Recreation Center and the Senior Center. Low wattage T8 lamps and electronic ballasts were installed along with occupancy controls to maximize energy savings. LED lighting with bi-level occupancy controls were installed in the parking lots.

County of San Diego – Various Sites, San Diego, CA

Project Manager, 2014-2015

The County aggressively pursued energy efficient lighting projects throughout multiple facilities, including the Administration building, George Bailey Detention Facility and North County Regional Center. All projects included retrofitting the interior T8 and T12 fluorescent lighting to low wattage T8 lamps and new ballasts and the exterior fixtures were upgraded to LED.

Coastal Academy Charter School, Oceanside, CA

Project Manager, 2016

This Prop 39 funded project was designed and installed by ERC to include LG Simple Choice LED troffers with daylight harvesting and occupancy controls. ERC staff specified the dimming controls and provided full commissioning of the system using an Android operating system commissioning device.

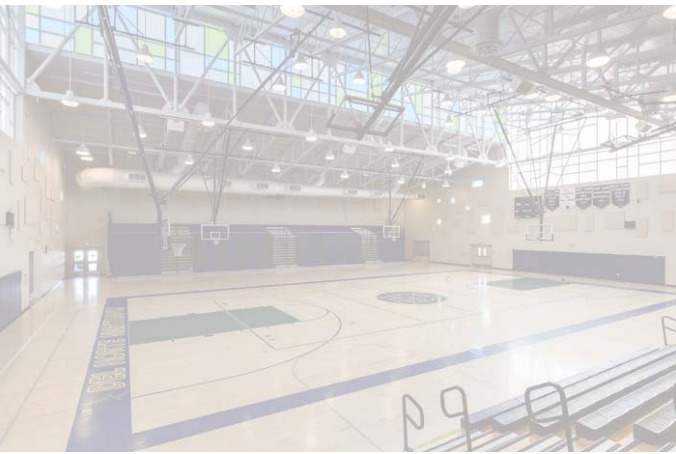
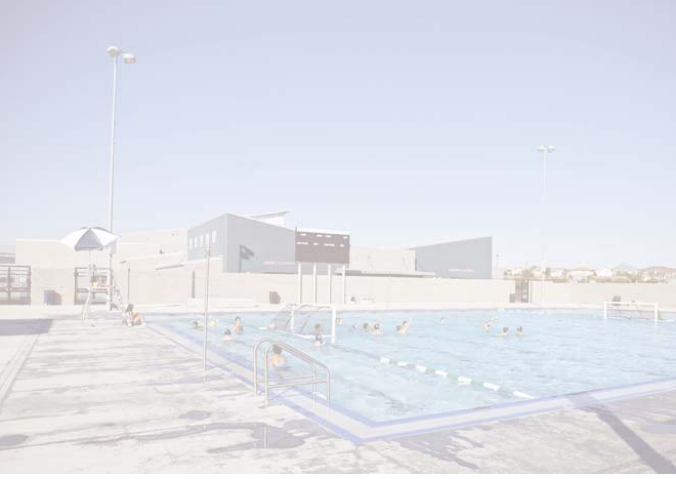
**% of Time dedicated to
MACC: 33%**

Office Location:
Temecula, San Diego

Current Position:
1 year

Relevant Experience:
15 years

Education:
Bachelor of Science,
Organizational Leadership,
Azusa Pacific University



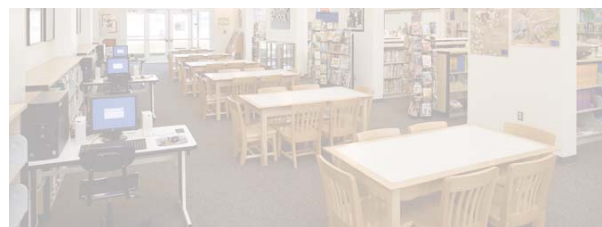
Barnhart-Reese
CONSTRUCTION, INC.
A JACOBS COMPANY

WC AE
Webb Cleff Architecture
and Engineering



Equal Employment and Contracting Information

9



9. EQUAL EMPLOYMENT & CONTRACTING



Please see Work Force Reports following in this section.

Barnhart-Reese views the Minority Business Enterprise, Women Business Enterprise, Disadvantaged Business Enterprises, Disabled Veteran Business Enterprise, Other Business Enterprise, Emerging Local Business Enterprise, and Small Local Business Enterprise utilization program as a continuation of a past and present commitment to assist those concerns and provide them with the maximum practicable opportunity to participate in the procurement process.

It is the policy and intention of Barnhart-Reese to fully honor and implement the laws governing contracts into which the company enters. Further, Barnhart-Reese is dedicated to the unconditional support of the contractor outreach utilization program and realizes that successful achievement of this program's objectives requires the full support of all levels of management.

It is the policy of Barnhart-Reese to support these targeted firms in their efforts to grow and prosper. Barnhart is dedicated to providing these firms the maximum practical opportunities to compete for products and services procured in support of our needs irrespective of the source of funding.

Past Performance

Success of Barnhart's subcontracting and local workforce outreach efforts has been honored by the Black Contractors Association of America San Diego Chapter. Doug Barnhart was honored by this organization for the success of the outreach program conducted for Petco Park and the reconstruction of Abraham Lincoln High School for the San Diego Unified District.

As a result, 60% of the contracts were awarded to San Diego-based contractors. Of these, 17% of the businesses were local African-American specifically, and about 14% of the labor pool on site were African-American. These figures are truly a testament to the excellent outreach performed and proved to be a model project and public relations boon to the district.

Project Equal Opportunity Assurances

To obtain pricing information for the energy conservation / building retrofit projects, our team will develop and release blast email notifications to local, small and minority firms. Phone calls will be made to targeted contractors to ensure they are aware of bid dates and deadlines. Barnhart employs the following procedures as its Good Faith Effort Policy:

- (1) The Owner, the state agencies such as the Office of Small Business, Certification and Resources, Caltrans Minority Business Enterprise Directory, and federal agencies such as Pro-Net Search (SBA), and the City of San Diego Directories are all contacted and referred to for any contacts or sources.
- (2) At least two advertisements are placed in papers that focus on the targeted contractors. This is done at least 14 days prior to bid opening.
- (3) Targeted subcontractors are solicited for participation. This is done by Bid Fax and internet bid boards that list upcoming projects and by a follow-up telephone call.
- (4) During the actual bid, Barnhart-Reese identifies any targeted contractor bids and works with the subcontractors whenever possible. Reasons for not using targeted contractor firms would be that the firm chose not to participate and did not submit a quotation or firm's submitted price was not competitive with other pricing received on the contract.

Barnhart-Reese will maintain complete and accurate records in order to demonstrate compliance with the procedures outlined in the subcontracting plan. These records will document the efforts made to locate targeted businesses and award subcontracts to them. The records will also document the source listing utilized to identify potential vendors. The following records will be maintained to document compliance with this plan:

- (1) The source lists used and other data to identify targeted contractor concerns, including resources available on the internet.

9. EQUAL EMPLOYMENT & CONTRACTING



- (2) Outreach efforts to contact trade associations, business development organizations and attendance at conference and trade fairs to locate additional targeted contractor business sources.
- (3) Records of internal and external workshops, seminars and training programs.
- (4) Records identifying awards by socioeconomic classification and dollar amount on a contract-by-contract or indirect charge basis to provide compliance reporting and general statistical information.
- (5) Records for each subcontract solicitation resulting in an award of more than one hundred thousand dollars (\$100,000) indicating: whether a targeted contractor was solicited and if not, why and reasons for failure of responding to the targeted contractor to receive the subcontract award.
- (6) Additionally, records will be kept to document the results of each search for targeted contractor concerns, the reasons for rejection of, or refusal to bid (when given) and numerical ranking. Finally, records will be kept to monitor the subcontractor during contract performance.

Community Involvement

Barnhart-Reese is an ardent supporter and member of various local organizations, including the Associated General Contractors, Latino Builders Industry Association, and Black Contractors Association. Barnhart-Reese staff and management have a history of giving back to the community. The Barnhart family, owners of Barnhart-Reese, have a long list of local organizations that they support and have provided construction services for, in many cases at a greatly reduced rate. Examples include:

- The San Diego Center for Children
- ElderHelp
- Junior Achievement of San Diego
- YWCA of San Diego San Diego
- Family Justice Center
- Ronald McDonald House of San Diego
- Jacobs & Cushman San Diego Food Bank

The Barnhart family and his organizations have supported the following San Diego charities/community groups:

- The Doug & Nancy Barnhart Family Foundation
- Scripps Healthcare
- Boy Scouts of America
- Poway USD Partners in Education
- American Cancer Society
- Tri-City Medical Center Foundation
- Del Mar Education Foundation
- Sharp HealthCare Foundation
- Rancho Santa Fe Little League

Webb Cleff Architecture and Engineering

Some of Webb Cleff's most recent volunteer experiences include participation in "Green Apple Day of Service" with the Santee School District, and annual sponsorship of, and participation in, the Santee Golf Tournament for the Santee School District Foundation. The firm has also recently volunteered their time and services to IDEAS 2.0, a partnership between the Santee and Lakeside School Districts helping teach real-world STEM lesson plans. As part of this effort, Webb Cleff coordinated time at one of their current project sites, Ocean Knoll Elementary School, for student's to observe while rain barrels were being installed as part of a larger scope.

This dedication has earned Webb Cleff recognition on the state level, as last year, they were awarded with a *Certificate of Recognition for Outstanding Service* for 2015 from the State of California Senate for what they call: "unyielding commitment...which supports and enhances both arts education and technology for the children of our community".

Webb Cleff also continues to look for new partnerships and opportunities to further strengthen their connection and dedication to the world of education.

Barnhart-Reese Construction, Inc. and Webb Cleff Architecture confirm that no complaints have been filed or pending alleging discrimination against its employees, subcontractors, or suppliers.



City of San Diego
 EQUAL OPPORTUNITY CONTRACTING PROGRAM
 1200 Third Avenue, Suite 200, San Diego, CA 92101
 (619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Barnhart-Reese Construction, Inc.

AKA/DBA: None

Address (Corporate Headquarters, where applicable): 10805 Thornmint Road, Suite 200

City San Diego County San Diego State CA Zip 92127

Telephone Number: (858) 592-6500 FAX Number: (858) 592-1410

Name of Company CEO: West Reese

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: Not applicable

City _____ County _____ State _____ Zip _____

Telephone Number: () _____ FAX Number: () _____

Type of Business: S Corporation Type of License: B, A

The Company has appointed: Tamela Barnhart Reese
 as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 10805 Thornmint Road, Suite 200, San Diego, CA 92127

Telephone Number: (858) 592-6500 FAX Number: (858) 592-1410

For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of
Barnhart-Reese Construction, Inc.

San Diego, California (Firm Name)
 (County) (State) hereby certify that information provided

herein is true and correct. This document was executed on this day of June 30, 2016,
 200 _____.

Tamela Barnhart Reese
 (Authorized Signature) (Print Authorized Signature Name)

WORK FORCE REPORT - Page 2

NAME OF FIRM: Barnhart-Reese Construction, Inc. DATE: June 30, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities		
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	
Executive, Administrative, Managerial												15	1		
Professional Specialty			2												
Engineers/Architects															
Technicians and Related Support															
Sales															
Administrative Support/Clerical				1								1	5		
Services															
Precision Production, Craft and Repair															
Machine Operators, Assemblers, Inspectors															
Transportation and Material Moving															
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*															

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			2	1								16	6		
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GRAND TOTAL ALL EMPLOYEES			25												
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INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED															
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NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS															
VOLUNTEERS															
ARTISTS															

WORK FORCE REPORT - Page 3

NAME OF FIRM: Barnhart-Reese Construction, Inc. DATE: June 30, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

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- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers			1											
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN			1											
GRAND TOTAL ALL EMPLOYEES			1											

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
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City of San Diego
 EQUAL OPPORTUNITY CONTRACTING PROGRAM
 1200 Third Avenue, Suite 200, San Diego, CA 92101
 (619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: WEBB CLEFF ARCHITECTURE AND ENGINEERING

AKA/DBA: —

Address (Corporate Headquarters, where applicable): 531 ENCINITAS BLVD., STE. 114

City ENCINITAS County SAN DIEGO State CA Zip 92024

Telephone Number: (760) 753-6800 FAX Number: (760) 452-7541

Name of Company CEO: DEBRA VAUGHAN-CLEFF

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: _____

City _____ County _____ State _____ Zip _____

Telephone Number: () _____ FAX Number: () _____

Type of Business: _____ Type of License: _____

The Company has appointed: DEBRA VAUGHAN-CLEFF
 as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 531 ENCINITAS BLVD., STE. 114, ENCINITAS, CA 92024

Telephone Number: (760) 753 6800 FAX Number: (760) 452-7541

For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of WEBB CLEFF ARCHITECTURE & ENGINEERING

SAN DIEGO, CA (Firm Name) (County) (State) hereby certify that information provided

herein is true and correct. This document was executed on this day of JULY ONE,

20SIXTEEN

RD Well
 (Authorized Signature)

ROBERT D. WEBB
 (Print Authorized Signature Name)

MACC Request for Qualifications

Energy Conservation Measures and Building Retrofit Projects at City Facilities

WORK FORCE REPORT - Page 2

NAME OF FIRM: WEBB CLEFF ARCH. & ENGR. DATE: 6/30/16

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)
Executive, Administrative, Managerial											1	3		
Professional Specialty														
Engineers/Architects											2	1		
Technicians and Related Support			1								1	2		
Sales														
Administrative Support/Clerical														
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			1								4	6		
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GRAND TOTAL ALL EMPLOYEES			11											
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INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
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NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

WORK FORCE REPORT - Page 3

NAME OF FIRM: WEBB CLEFF ARCH. & ENG. DATE: 6/30/16

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

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- (2) Latino, Hispanic, Mexican-American, Puerto Rican
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- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter														
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers														
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN														
GRAND TOTAL ALL EMPLOYEES	0													

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Del Norte High School Proposition 39 \$805,843.00
 TYPE OF PROJECT: Proposition 39 / CM DOLLAR VALUE OF PROJECT: \$123,655 (fee only)

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Johnson Consulting Engineers</u> Address: <u>12875 Brookprinter Pl. #300</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>858.679.4030</u> Email: <u>cheinly@jce-inc.com</u>	Electrical Designer	N/A	Design	\$3,655.00 (fee)	SB (Micro) #1075361	CADoGS
Name: <u>Energy Retrofit Co.</u> Address: <u>27363 Via Industria</u> City: <u>Temecula</u> State: <u>CA</u> Zip: <u>92590</u> Phone: <u>951.633.8049</u> Email: <u>erica@energyretrofitco.net</u>	Electrical Contractor	1792774	Electrical Installation	\$457,820.95	SB (Micro) #1792774	CADoGS

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Rolling Hills Elementary School Proposition 39 \$269,307.00 (Const. Cost.)
 TYPE OF PROJECT: Proposition 39 / CM DOLLAR VALUE OF PROJECT: \$35,932.00 (fee only)

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: <u>Johnson Consulting Engineers</u> Address: <u>12875 Brookprinter Pl. #300</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>858.679.4030</u> Email: <u>cheinly@jce-inc.com</u>	Electrical Designer	N/A	Design	\$3,597.00 (fee)	SB (Micro) #1075361	CADoGS
Name: <u>Energy Retrofit Co.</u> Address: <u>27363 Via Industria</u> City: <u>Temecula</u> State: <u>CA</u> Zip: <u>92590</u> Phone: <u>951.633.8049</u> Email: <u>erica@energyretrofitco.net</u>	Electrical Contractor	1792774	Electrical Installation	\$23,820.44	SB (Micro) #1792774	CADoGS

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Westview High School Proposition 39 \$1,196,794 (Const. Cost)
 TYPE OF PROJECT: Proposition 39 / CM DOLLAR VALUE OF PROJECT: \$137,206 (fee only)

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Johnson Consulting Engineers</u> Address: <u>12875 Brookprinter Pl. #300</u> City: <u>Poway</u> State: <u>CA</u> Zip: <u>92064</u> Phone: <u>858.679.4030</u> Email: <u>cheinly@jce-inc.com</u>	Electrical Designer	N/A	Design	\$8,883.00 (fee)	SB (Micro) #1075361	CADoGS
Name: <u>Energy Retrofit Co.</u> Address: <u>27363 Via Industria</u> City: <u>Temecula</u> State: <u>CA</u> Zip: <u>92590</u> Phone: <u>951.633.8049</u> Email: <u>erica@energyretrofitco.net</u>	Electrical Contractor	1792774	Electrical Installation	\$85,337.03	SB (Micro) #1792774	CADoGS

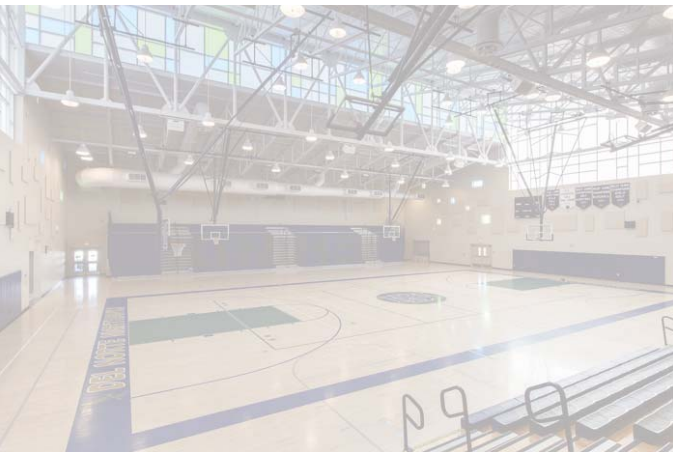
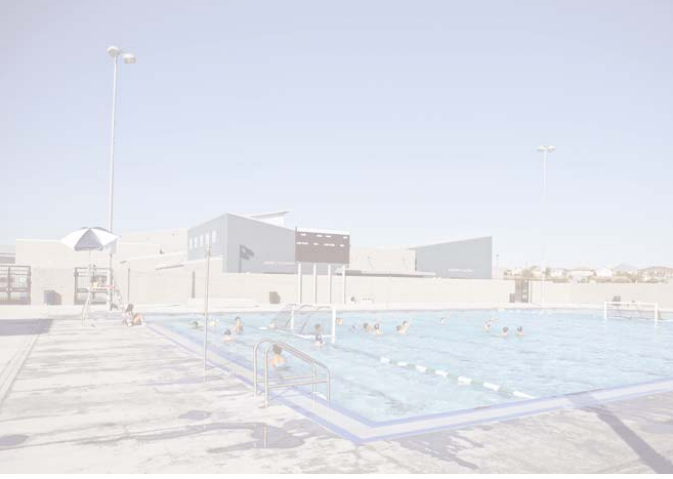
ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.



Barnhart-Reese
CONSTRUCTION, INC.
A PCL COMPANY

WC AE
Webb Cleff Architecture
and Engineering



Financial Information and Arrangements

10. FINANCIAL INFORMATION AND ARRANGEMENTS



This section is not applicable for the Barnhart-Reese Team, as the Design-Builder is not a Joint Venture.

Change Order and Litigation History



Barnhart-Reese
CONSTRUCTION, INC.
A CANNON COMPANY

WC AE
Webb Cleff Architecture
and Engineering



11. CHANGE ORDER & LITIGATION HISTORY



Please see change order history chart below.

Barnhart-Reese Construction, Inc. has no new or current litigation history, civil or criminal violations of federal or state law, or any instances where a surety company finished the work of a member of the Contractor, or made payments to subcontractors or workers on behalf of a member of the Contractor.



Pershing Middle School Whole Site Modernization
San Diego, CA

Please see the Contractors Certification of Pending Actions on the following page.

Project Name	Date Complete	Original Contract Value	Change Order Amount	Change Order %	Non-Owner Initiated Changes
UCSD Spanos Athletic Perf. Center	2015	\$ 3,035,485	\$ 128,929	4%	2%
Tillner Medical Offices	2015	\$ 349,892	\$ 0	0%	0%
Sharp Chula Vista Parking Structure	2015	\$ 20,990,099	\$ 865,297	4%	10%
Rady Children's Primary Care	2015	\$ 579,833	\$ 27,734	4%	5%
Makena Medical Center, Temecula	2015	\$ 6,830,670	\$ 368,878	5%	3%
United Rehab Physical Therapy TI	2015	\$ 131,000	\$ 131,000	0%	0%
Pershing Middle School Renovation	2016	\$ 14,768,114	\$ 934,739	6%	5%
National Food Group TI	2014	\$ 124,667	\$ 6,664	5%	0%
National University TI	2014	\$ 1,756,778	\$ 323,354	18%	0%
Del Valle TI	2014	\$ 140,233	\$ 0	0%	0%
Genesis Tenant Improvement	2013	\$ 332,393	\$ 8,731	2%	0%
LabCorp TI	2013	\$ 168,473	\$ 1,617	1%	0%
Escondido Neurology TI	2013	\$ 314,134	\$ 2,388	1%	0%
Arimed Pharmacy TI	2013	\$ 76,685	\$ 0	0%	0%
Cheslar Rehab Clinic TI	2013	\$ 294,377	\$ <41,040>	0%	0%
Arch Healthcare TI	2013	\$ 1,103,879	\$ 139,066	12%	5%
Sharp Flower Hill TI	2013	\$ 5,574,000	\$ 478,475	8%	10%
Rady Children's Hospital TI	2013	\$ 648,890	\$ 50,623	8%	10%
Palomar-Pomerado Imaging TI	2013	\$ 1,520,451	\$ 33,818	2%	0%
Kid Ventures	2013	\$ 356,667	\$ 11,447	3%	0%

¹ Change orders were due to added scope and unforeseen conditions due to Loop Road.

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

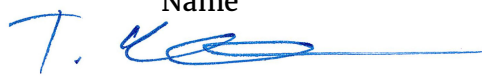
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: **Barnhart-Reese Construction, Inc.**

Certified By **Tamela Barnhart Reese** Title **President**

Name



Signature

Date **July 11, 2016**

USE ADDITIONAL FORMS AS NECESSARY

BARNHART-REESE CONSTRUCTION

10805 THORN MINT ROAD, SUITE 200 | SAN DIEGO, CA 92127
CALIFORNIA CONTRACTOR #912130



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*Multiple Award design-Build Contracts (MACC)
for*

*Energy Conservation Measures
and Building Retrofits Projects at City Facilities*

STATEMENT OF QUALIFICATIONS

No. K-16-1485-MAC-3

August 2, 2016

Prepared by:



California License # 946532

In association with



STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



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Ms. Clementina Giordano
City of San Diego
Public Works Contracts
1010 Second Avenue, 14th Floor, MS 614C
San Diego, CA 92101

July 12, 2016

**Subject: MACC Contract for Energy Conservation Measures and Building Retrofits Projects at City Facilities
Bid #: K-16-1485-MAC-3**

Dear Ms. Giordano,

Thank you for the opportunity to submit our Statement of Qualifications for the above referenced Request For Qualifications. Led by Performance Automation Solutions, Inc., we have assembled a team of highly qualified firms to address the key requirements of the MACC program, with a balanced emphasis on promoting the participation of disadvantaged businesses with technical and project execution competency.

- ✓ **Performance Automation Solutions, Inc. – Prime Design-Builder**
- ✓ Southern Contracting Company – Lighting / PV Electrical Contractor
- ✓ Laser Electric – Low Voltage / PV Electrical Contractor
- ✓ McClure Mechanical Systems – Mechanical Contractor
- ✓ Stantec – Electrical Engineer
- ✓ VanderVeen Engineering Consultants – Mechanical / HVAC Engineer
- ✓ Drake Integrations LLC -- 3rd Party Commissioning/Test & Balance/DDC Controls Design
- ✓ Superior Solutions Group -- 3rd Party Lighting Enterprise Commissioning –

Our team have all either successfully worked together on high performance building design-build projects and/or have direct experience serving the City of San Diego directly on successful lighting design-build projects. All submitted projects have an emphasis on advanced controls supporting enterprise-level system management.

In the balance of our Statement Of Qualifications we have answered 100% of the City requirements. We look forward to becoming a selected design-build contractor and assisting the City achieve its goals.

Sincerely,

Mr. Michael Volf, CEO
Performance Automation Solutions, Inc.

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



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THE CITY OF SAN DIEGO

Section 1 –Identification of Design- Builder

Legal name and address of company

Performance Automation Solutions, Inc.
10633 Roselle Street, Suite G
San Diego, CA 92121

Legal form of company (partnership, corporation, joint venture, etc.).

California Corporation

Year of establishment of entity

2010

If company is wholly owned subsidiary of a “parent company,” identify the “parent company.”

Not applicable.

Addresses of main office.

10633 Roselle Street, Suite G
San Diego, CA 92121

Addresses of San Diego satellite office if applicable.

Not applicable

Number of employees in San Diego County.

19

Applicable Licenses

City of San Diego Business License Number, including expiration date

B2010002547 Exp. 12/31/2016

State Contractor’s License Number, including expiration date and all classifications

Performance Automation Solutions, #946532 Classifications B, C-7, C-16, C-20, C-36.
Expires 4-30-2018

Southern Contracting Company, #222252. Classification C-10. Expires 12/31/2016

Professional Engineering/Architect License Number (include date of expiration)

Stantec, Paul Ericson, P.E. #E11219 Expires 06/30/2017

VanderVeen Engineering, Jason Vander Veen, P.E. #M34874. Expires 06/30/2018.

Drake Integrations, LLC, Findlay Drake, P.E. #CS7426. Expires 06/30/2017

Name, title, address and telephone number of person to contact concerning the Proposal.

Michael Volf, CEO. Michael@paccontrols.com,

10633 Roselle St., Suite G, San Diego, CA 92121; 858-391-6403

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
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Section 2 –Addenda to this RFP

Performance Automation Solutions hereby acknowledges that it has received Addenda 1, 2, 3 and 4 and that no other addenda have been issued.

Section 3 –Exceptions to this RFP

Performance Automation Solutions takes no exceptions to this Request for Proposal.

Please See signed Attachment C in the *Appendix One* of this SOQ.

Section 4 –Executive Summary

Introduction – The Challenge

To meet the challenge of achieving state-mandated energy efficiency goals, the City of San Diego is embarking on reducing energy demand across its portfolio of city-owned and / or controlled facilities. The City is in a unique position to leverage this investment to create a “smart city” platform, integrating individual building analytics data across the City’s portfolio. Such a platform may eventually support the total integration of all building energy load management, combining HVAC and mechanical systems, light and plug loads. This approach can position the City to utilize analytics tools offered by companies like General Electric’s Predix platform to manage energy use, among other functions.

Performance Automation Solution’s Strategy

The City’s MACC design-build program is a major next step by the city to achieve its goals. Performance Automation Solutions, Inc. (PAS) has prepared this Statement of Qualifications to first meet all stated requirements. PAS has developed its proposal around a two-pronged execution strategy to address the City’s challenge:

1. Implement individual Energy Efficiency (EE) building upgrades consistent with the system-wide controls and analytics platform.
2. Assist the City develop an systems-wide automation and controls architecture to govern the controls integration across the City’s building portfolio

In the balance of this Statement of Qualifications we will present the required information in context with our proposed approach.

Why Performance Automation Solutions?

Performance Automation Solutions, Inc., headquartered in in San Diego, California, is a high performance building contractor possessing California B, C-7 and C-20 contracting licenses, all RFQ requirements. We have completed numerous projects similar to those identified in the City’s RFQ documents. PAS is more than just a high performance building contractor. We are also expert at project management, capabilities that will be needed to coordinate all requirements and resources to complete projects under the design-build process. In reviewing the RFQ requirements, we have brought on board key firms that possess compatible skills needed

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
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to address the City's requirements for lighting, HVAC, variable frequency drive and solar PV project elements. The details of each team member are presented throughout our SOQ.

Project Management

As a professional design-builder, PAS recognizes the importance of sound management. There are many moving parts in each project, and when taken in context with a larger smart city strategy, the management complexity grows. To support overall management, PAS will utilize the support of Southern Contracting, its lighting design-builder. Southern has executed several lighting design-build projects with The City in the past five years, including Enlighten San Diego, the decorative post top project in downtown San Diego. Between PAS and Southern, the City will have a strong design-build team nucleus to coordinate, design, install and commission all city requirements with each individual city facility.

Track Record

The PAS Team has specialized capabilities, with a common focus on automation and controls. For example, we have brought on board Superior Solutions Group, Inc. (Superior) to support the automation and data management of lighting controls by building and across the City portfolio, should the City pursue a building portfolio management strategy. Superior is a certified systems integrator for the Daintree technology, a lighting controls platform recently acquired by General Electric to strategically support projects exactly like San Diego's MACC program. Should the City elect to pursue our proposed strategy, we are strategically positioned to support.

Local Knowledge

The majority of the proposed team members have offices in San Diego County and have direct experience working with local agencies. For example, Southern has worked extensively with the City of San Diego and San Diego Gas and Electric to develop a new streetlight tariff structure being designed to allow cities to monetize dimming savings derived from implementing GE's Light Grid. In addition, PAS has successfully completed energy efficiency projects for 27 buildings the San Diego Naval Base in conjunction with San Diego Gas and Electric (SDG&E), as well as building and upgrading building automation systems for San Diego State University Campus. Core team members have all worked on projects that involve working with SDG&E, and therefore are familiar with incentive rebates and related SDG&E incentive programs. In addition, Southern has implemented over thirty lighting projects under the SDG&E On-Bill Financing program, a potential source of financing for individual building projects.

Equal Employment Opportunity

PAS is a certified woman-owned business. We are also certified as an SLBE enterprise as well as a HUBZone business. As a result we should easily meet any City-defined disadvantaged business participation goals. In addition, several of our team members are also certified disadvantaged businesses. As we assembled our team, we looked simultaneously at the disadvantaged status of each candidate firm as well as their core capabilities. Though execution competency is a pass/fail criteria in our selection process, we weighed heavily the disadvantaged business status. This is part of our growing commitment to a proactive DBE recruitment

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process. Our firm has been a beneficiary of these local, state and federal programs and we are obligated to “pay it forward” by seeking out qualified DBE firms wherever possible.

Summary

In conclusion, PAS has assembled arguably the most experienced high-performance building design-build team submitting Statements of Qualifications to the City. A key differentiator with our team is that we not only have a strategic technical focus on building automation, but a vision of how the City might proceed to leverage its investment to build a truly smart city. A potential end game might be the integration of building analytics with the City’s investment on outdoor analytics as evidenced EnLighten San Diego utilizing by GE’s Light Grid. Our combined team covers all the technical bases and have all worked together individually and collectively with direct and relevant design-build experience with the City of San Diego.

Section 5 – Experience and Technical Competence

Overview

Performance Automation Solutions (PAS), as a high-performance building contractor, specializes in enhancing energy efficiency through building automation. Founded in 2010, PAS has gone on to successfully complete dozens of projects similar to the city facilities being considered for energy efficiency upgrades. Below are the descriptions of the three reference projects completed by or currently underway PAS. Important Note: All firms are either housed in San Diego and/or San Diego County, with the exception of VanderVeen. VanderVeen is headquartered in Temecula, California, which is within the sphere of influence of the greater San Diego area.



Relevant PAS Experience

Below are the three PAS projects that demonstrate PAS’ capabilities to successfully complete whole building energy retrofit projects.

Controls and Lighting Energy retrofit of Three FRC Buildings

Client: County of San Diego (Under a Job Order Contract through Torres Construction)

Client Project Manager: Mr. David Voughan

Phone #: (858) 694-2398

Email: David.Voughan@sdcounty.ca.gov

Contract Delivery Method: Design-Build

Technical Scope: DDC Controls System integrating control of chillers, boilers, air handlers, VAV boxes, DX package units, and lighting control panels.

Project Value: \$187,700.00

Change Orders: \$0.00. See Change Order History, [Appendix 7](#)



STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
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Timely Completion: 2013. 45 Day schedule. Completed on-time.

Working Environment with Occupants: YES.

Design Firm: Drake Integrations, LLC.

Project Scope: The project consisted of remodeling/recommissioning of 3 FRC (Family Resource Center) buildings: North Coastal, Southeast and North Inland for the County of San Diego. The mechanical designs at these three buildings varied. They included chillers, boilers, air handlers, VAV boxes, and DX package units.

PAS performed the design and installation of the DDC Controls system and lighting control panel retrofits and integration. New sequences were developed and implemented to target maximum energy savings. Demand response programming was installed to shed energy use during demand response events. Project included installation of new utility meters as well as tie-in to existing meters through coordination with SDG&E. PAS provided TAB and commissioning assistance.

Project Performance: Project Schedule was extremely aggressive. PAS had to complete the construction phase of the project in 45 days (2 Buildings within 30 days and 1 within 45 days concurrently). All buildings were occupied, which created extra difficulties. Regardless of these difficulties, the project was completed on time and within the original budget. All work was performed in occupied buildings and required extensive coordination with building occupants. Significant amount of work was performed in off business hours and during weekends.

Retrofit and Energy Recommissioning of 5 Buildings in Naval Base SD/Balboa Hospital

Client: Menco Pacific (8(a) contractor on behalf of NAVFAC SW.

Client Project Manager: Mr. Craig Halverson

Phone #: (760) 975-1300

Email: craig@twins-gc.com

Contract Delivery Method: Design-Build

Technical Scope: DDC Controls System integrating control of AHUs, VAVs, VFDs, chillers, boilers, steam heat exchangers, and exhaust fans.

Retro-commissioning (RCx): YES

Project Value: \$422,683.00

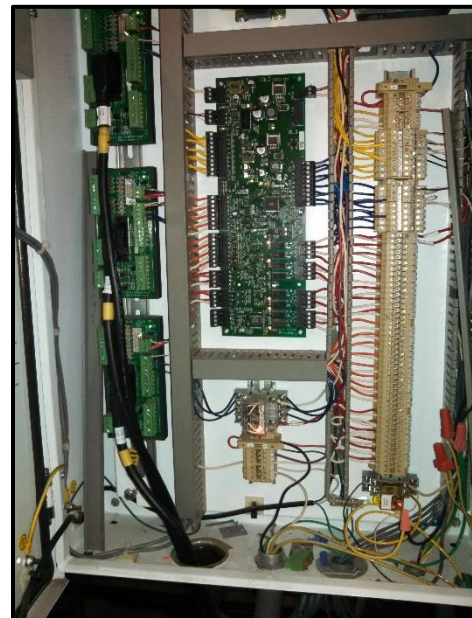
Change Orders: \$0.00. See Change Order History, [Appendix 7](#)

Timely Completion: 2014. 10.5 month schedule. Completed on-time.

Working Environment with Occupants: YES.

Design Firm: VanderVeen Engineering Consultants

Electrical Contractor: Laser Electric.



Project Scope: The project consisted of remodeling/recommissioning of five buildings, 3 on Naval Base San Diego and 2 at Naval Medical Center San Diego (Balboa Hospital). The mechanical systems included AHUs, VAVs, chillers, boilers, steam heat exchangers, and exhaust fans. The goal of the project was to redesign/upgrade the mechanical system for the most efficient and economical system with new DDC Controls, occupancy sensors and sequence of operations.

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
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Several systems were converted from constant volume to variable volume by adding VFDs and providing new sequences.

PAS performed installation of a complete Johnson Controls Bacnet Metasys DDC system, as well as performed modification and expansion of existing Johnson Controls N2 Metasys systems. PAS coordinated and accommodated Test & Balance and Commissioning. Monitoring of utility meters **and the PV** system was included.

Project Performance: All work was performed in occupied buildings and required extensive coordination with building occupants. Significant amount of work was performed in off business hours and during weekends. In coordination with design engineer and the general contractor PAS commenced working on designing the system from the beginning. We were involved in all design submittals (35%, 65%, pre-final and final design submittal). We reviewed, answered and incorporated into the design the Government review comments as well as provided suggestions and feedback on the sequence of operations. We had full participation in the design process until 100% final design was approved and accepted by the Government. Because of this we had no changes during the construction phase and, therefore, no change orders.

**Delivery Order-3 Upgrade and
Recommissioning of 27 Buildings on Naval
Base SD/NASNI Coronado & Naval Base, Pt.
Loma**

Client: San Diego Gas & Electric (SDG&E) on
behalf of the US. Department of the Navy

Client Project Manager: Mr. Tim Belmont,
SDG&E

Phone #: (619) 843-0513

Email: tbelmont@semprautilities.com

Contract Delivery Method: Design-Build

Technical Scope: PAS served as the Prime
Contractor on this renovation and
recommissioning of buildings systems in 27

separate US. Navy facilities including upgrades and DDC integration of 4-pipe system, Air handling units with VAV system, roof top equipment with single and multiple zones, steam/HHW heat exchangers with tie into the base steam loop. Also included domestic hot water heat exchangers, pumps for both chilled and hot water systems, fan coil units, ERV and exhaust systems.

Retro-commissioning (RCx): YES

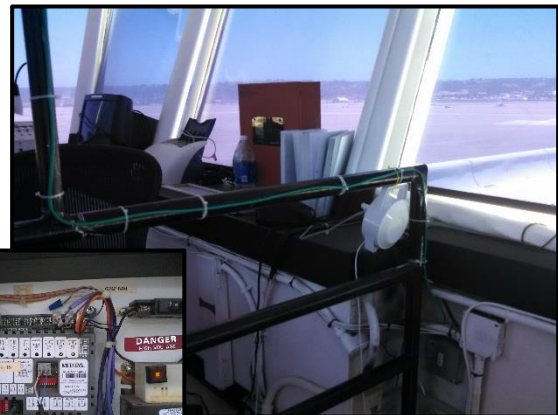
Project Value: \$1,161,868.00. Completed in three phases. Phase One (2013) = \$341,212; Phase Two (2014) = \$349,626; Phase Three (2015) = \$471,030.

Change Orders: \$0.00. See Change Order History, [Appendix 7](#)

Timely Completion: 31.5 month schedule. Completed on-time.

Working Environment with Occupants: YES.

Design Firm: O&M Engineering, Virginia, US.



STATEMENT OF QUALIFICATIONS

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Project Scope: The project consisted of recommissioning of twenty seven buildings on Naval Base San Diego, Naval Air Station North Island at Coronado, as well as Naval Base Point Loma. The mechanical system consists of various systems, such as 4-pipe system, Air handling units with VAV system, roof top equipment with single and multiple zones, steam/HHW heat exchangers with tie into the base steam loop. It also included domestic hot water heat exchangers, pumps for both chilled and hot water systems, fan coil units, ERV and exhaust systems.

PAS performed recommissioning, repair and re-installation of a complete Johnson Controls N2 Metasys DDC system. Coordination and accommodation of Test & Balance and Commissioning. Monitoring of utility meters was included. Acceptance of the system was done by the AWEMS group, the most stringent DDC and mechanical acceptance group at NAVFAC Southwest.

Project Performance: All work was performed in existing occupied buildings and required extensive coordination with building occupants. A significant amount of work was performed in off business hours and during weekends.

In coordination with design engineer (selected by SDG&E) PAS provided review and markups of the design documents from the beginning of the project through the end with redlines and as-builts. As the design documents produced by the design engineer were quite different than the existing conditions in these buildings, this project involved significant coordinated redesign and redlines. Government review comments were incorporated into design changes. Sequence of operations were reviewed, implemented, tested and modified as required. PAS was prepared to start construction immediately following completion of the design, and was able to make any necessary changes to the installation during construction so as to mitigate any delays due to design issues.

Subcontractor Team Experience

PAS has assembled a team of experienced engineers and contractors to assist with the project. Their combined experience covers 100% of the technical requirements of the RFP. Below are summary highlights of this experience by subcontractor. Shown in [Appendix 6](#) is a subcontractor project list demonstrating the ability of the PAS team to deliver on time and within budget. References can be furnished upon request. All companies are either headquartered or have offices in the greater San Diego area.

Southern Contracting CSLB #222252



Founded in 1963, Southern Contracting (Southern) has been successfully executing electrical design-build projects for over 40 years. In the past 5 years, Southern has completed 11 streetlight design-build projects, including two for the City of San Diego totaling \$22 million. Southern is a full-service electrical contractor and is fully-certified as a CALCTP installation and acceptance testing contractor with a C-10 license.

Laser Electric, CSLB #513888



Founded in 1987, Laser Electric is a C-10 and C-7 contractor and is certified with the California Public Utilities Commission as a Woman Owned Business (WBE) as well as certified with the California Dept. of General

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Services as a Small Business Enterprise (SBE). Laser specializes in lighting, lighting controls and low-voltage systems.

McClure Mechanical Systems, CSLB #995204

Founded in 2014, McClure Mechanical Systems (McClure) is a women-owned full service mechanical contractor. Possessing a C-20 license, they have extensive experience serving clients in the Defense Industry, Education, and Healthcare, while also performing Tennant Improvements in commercial office spaces and buildings. They are experienced with HVAC systems, chillers, pumps, boilers, VFD's, ductwork systems, DX split systems, built up systems, and VRF.

Stantec



With over 22,000 employees in 400 locations across the United States, Stantec is among America's leading electrical and lighting design firms. With a local office in San Diego, Stantec has completed numerous design-build electrical and lighting projects for commercial, government and military clients. Stantec's Paul Ericson, PE, has been assisting the City of San Diego with interior and exterior lighting design support for the past several years.

VanderVeen Engineering Consultants, Inc. (VanderVeen)



VanderVeen is an HVAC and mechanical building engineering firm, offering diverse mechanical and plumbing project experience ranging from Title 24 Modeling and Compliance reports, energy audits with life cycle/technical reports, hospitality/resorts, central plants, biotech/laboratory, medical/hospital, master planning, commercial and government projects (upgrades and new construction).

Drake Integrations, LLC.



Drake Integrations is an experienced Control Systems Engineering and Building Commissioning (Cx) consulting firm, providing comprehensive expertise in the design and implementation of mechanical, electrical, building automation and energy management systems. Founded in 2011, Drake has performed energy retrofit projects in over 150 buildings in the last three years alone. Drake has three Certified California Lighting Controls Acceptance Test Technicians. Drake Integrations has been trained and certified specifically on Daintree Networks ControlScope® Wireless Lighting Control technologies using the ZigBee wireless protocol.

Superior Solutions Group, LLC.



Superior Solutions Group (SSG) was founded in 2012. Specializing in networked wireless control systems, SSG has successfully implemented controls projects nationwide in over 7 million square feet of industrial, commercial, government, and retail space. They provide complete building envelope solutions. Capabilities include Wireless Controls Design (Lighting, HVAC, Plug-Load, Environmental Monitoring), Control System Integration, Wireless Technology Commissioning Services, Control System Optimization Management, AND 24/7 Control System Support. Superior is also a Certified "Elite" Systems Integrator with ControlScope®.

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Relevant Subcontractor Experience

Shown in [Appendix 6](#) is a table listing showing the details of three (3) projects for each of PAS's subcontractors, engineers, and commissioning agents. The firms have all worked together, individually and collectively on a variety of high-performance building projects as indicated in this table. Please click this hyperlink to jump to the [Appendix 6](#) reference table.

Section 6 – Proposed Method To Accomplish The Work

Overview

There are three key elements to accomplishing the work – 1) Building portfolio development strategy, 2) technical approach and 3) management approach. Below is a discussion on PAS' approach to each, and how we can deliver value beyond just a simple building retrofit.

Building Portfolio Energy Performance Strategy

Before commencement of the design and retrofit of a given city-owned building, PAS is suggesting the City either share its Building Portfolio Energy Performance Strategy, consider the development of such a strategy. Key issues to consider include:

- ✓ Community Choice Aggregation (CCA) – We understand the City may be developing a CCA program.
- ✓ Renewable Energy / Solar PV – Does the City plan to implement a city-wide Power Purchase Agreement, or should the City own and operate solar PV on city buildings? Or does a hybrid approach make sense?
- ✓ Energy Storage (ES) – Has the City considered energy storage or desire to provision for energy storage at a later date?
- ✓ Demand Response (DR)

When the above citywide requirements are defined, individual building retrofit projects can be designed with the design integrating these requirements from the outset. In some cases, the retrofitted building may need to integrate these requirements at a later date, so the retrofit needs to be prepositioned to accept this integration with marginal incremental cost. Another key issue to decide upon is the City's commitment to Open Standards, including the communication spectrum (e.g. Zigbee) controlling the wireless network linking the IoT devices within the building envelope. This is a programmatic approach to integrating CCA, Solar PV, ES, and or DR.

When the citywide architecture describing how these components come together has been prepared, these elements can be tied together with an "enterprise" level monitoring control system / platform. The chief benefits of such a platform include:

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- ✓ Continuous system monitoring (energy consumption, performance monitoring, building operations schedules, set points, etc.) on individual buildings or across the entire building portfolio network.
- ✓ Continuous monitoring of the cost of energy from ES, Solar PV, the CCA Grid, then switching to manage energy to the lowest delivered cost at any given point in time.
- ✓ Building Performance Management. When Key Performance Indicators are properly designed and implemented, these benchmarks form the basis for comparing building performance across the City's portfolio.
- ✓ Automation of Demand Response likely using the Auto-DR protocol to take advantage of the CCA and/or SDG&E DR program economic benefits.



City Buildings Can Be Remotely Managed From One BMS Platform

Over time, the City's Building Portfolio can grow to become a "Virtual" Microgrid whereby building performance can be fully automated to optimize building performance with regard to the cost of energy. Enterprise-level systems, such as GE's Predix Platform, are ideal for such building retrofit program. Again, the key reason to bring this concept to the City's attention is to first alert the City to this technical approach, then develop the overall plan, including implementation of individual building retrofits, in context with this overarching strategy.

Technical Approach

Audit Review and Detailed Scope Development

The building retrofit process starts with the ASHRAE Level II audit, already performed by the City. PAS will first review and understand the Level II audit, including walking the facility to understand the intent and scope of the audit. Building Plans will be reviewed, with a focus on locating Ethernet cabling. Special consideration will be given to identifying the best place to install gateways to optimize wireless signal propagation. Title 24 requirements will be identified from the outset with our goal to meet or exceed Title 24 requirements at the lowest possible cost.

This initial investigation will commence with a Project Kickoff Meeting, bringing together the PAS Project Manager, the 3rd Party Commissioning Agent, Building Manager, Design Manager, and a designated representative from the City's IT department. Our experience has shown that we need to involve the IT staff from inception as IT coordination is often a key stumbling block to successful systems wireless control integration. Our motto is "Fast, Hard and First!" as we commence with the IT requirements for each retrofit project. The system IT backbone is central to integrating building automation with enterprise platforms. Involving the Commissioning Agent from inception will assure the project is completed with the end in mind so all pieces, when properly integrated, are commissioned without fanfare.

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Energy Efficiency vs. Solar PV

PAS approach to solar PV integration is to first understand building energy performance before Solar PV is considered. We compare initial building energy performance to the modeled energy performance of the applied ECMs. Once we understand and characterize how the building will perform when retrofitted, we can then size the PV system to optimize the payback to achieve the lowest energy cost. What we don't want to do is oversize the PV system, rather we will seek to optimize the PV system as compared to the projected energy bill, whether provided by SDG&E or through an eventual City CCA program. Once the design parameters are decided upon, preliminary design layout can commence, whether utilizing rooftops, ground mount, parking or other structures.

Preliminary 30% Design

With potential ECMs identified and the IT system architecture developed preliminarily, work can commence with individual ECM development, starting with evaluating technology options (including financial energy modeling). After performing this initial Value Engineering, comparing various options and trade-offs, a Design Concept will be presented to the City, along with a budget estimate, energy calculations, installation schedule, building operational constraints, and a list of "parts and smarts." We will consider building operations parameters in the energy calculations and the design layout. Our IT design strategy will be to provision for "granular" control supporting remote system configuration of all building IT elements with assigned MAC addresses to be linked together in "scenes, either around building zones, or across the entire building, depending on operational intent.

60%/90%/100% Detailed Design

Once approved by the City work will commence on detailed design. We will produce working drawings for City review and eventual City Plan Check. When Design reaches 100%, building permits will have been issued and the installation work can commence. Depending on the nature of the design, material ordering may either commence in advance of final design submittal or wait until permits are pulled. A key design review will be conducted by the 3rd Part Commissioning Agent as a Quality Assurance step, thus minimizing system failure risk and / or system "bugs."

Management Approach

Lines of Communication

Communication between the City Project Manager, the Design-Build Project Manager and the entire supply chain, is mission critical to optimizing design, minimizing adverse impact on City employees, and ultimately achieving the City's KPI goals. PAS is proposing a Program Kickoff Meeting be conducted between the City staff (City PM, City IT Representative, City Admin Representative, and City EOCP Representative) and the PAS team, including the PAS PM, Design Manager, Construction Manager, and 3rd Party Commissioning Agent. We propose to review all contract requirements, city goals and objectives, as well as contract administrative requirements. Such a kickoff meeting aligns the goals and work efforts among the stakeholders, opening up lines of communications while establishing program goals.

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Project Financing

Energy Projects are driven by energy savings and project financing is dependent on ECMs with sufficiently low simple paybacks to meet financing source requirements. For example, the City plans to use SDG&E's On-Bill Financing (OBF) to underwrite the project financing. Therefore projects may be "bundled" and "blended" to meet the SDG&E 10-year maximum simple payback calculation requirement. Again, PAS' team member Southern Contracting, is an SDG&E certified OBF contractor and has successfully implemented more than 20 lighting ECMs in just the past 12 months alone. Project installation cannot start until an SDG&E pre-inspection occurs and green light given. With that said, parts and smarts material procurement may occur in advance of final design approval and permitting completed to keep the project on schedule. In addition as technologies are identified and selected, SDG&E rebate applications can be completed and submitted for payment per program terms. Virtually the entire team has direct experience in assisting cities process and obtain SDG&E incentive rebates.

Preconstruction Meeting – The Rubber Meets the Road

When all "parts and smarts have arrived and permits pulled, a Preconstruction meeting will be conducted, bringing the original team back together consisting of the PAS PM, the City IT Rep, the Design Manager, and the Commissioning Agent. Additions to the team including the Construction Superintendent and manufacturer's representatives as needed. A detailed installation schedule will have been developed in advance with consideration to minimizing disturbance to building occupants and hours of operation.

One of the most important attendees at this Kickoff is the 3rd Commissioning Agent, as commissioning often occurs daily, testing and validating systems and subsystems on a nightly basis. We continue to emphasize the integration of the 3rd Party Commissioning Agent as this process is central to assuring all system complexities are fully addressed, minimizing the unnecessary chasing of "gremlins."

SDG&E Advanced Lighting Controls System (ALCS) Program

SDG&E has extended the ALCS program until December 31, 2017. This program has been designed to comparatively evaluate advanced lighting controls system deployments by General Electricians vs. CALCTP-certified Electricians vs. 3rd Party Commissioning Agents. PAS has several CALCTP-certified contractors on its team, including Southern Contracting. Southern is but a handful of contractors who are fully certified CALCTP contractors, including project management, business development, CALCTP-certified journeyman, and Acceptance Testers. As a result PAS can install lighting controls for the City in potentially any of the three options. Southern is also unique among design-builders, having been a charter member of the CALCTP steering committee, pioneering the deployment of advanced lighting controls systems as early as 2008.

Section 7 – Understanding Local Environment

Overview

Performance Automation Solutions is headquartered within the City of San Diego. 100% of the team members call San Diego home or have their corporate headquarters within San Diego County or the greater San Diego region. Its office, located in Sorrento Valley, is about 15 minutes from the City's Ridgehaven facilities and downtown city hall. VanderVeen Engineering is headquartered in Temecula, California, which

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considers itself part of the greater San Diego region. Southern Contracting, incorporated in 1963, has called San Marcos home since its founding. Southern successfully completed more than \$20 million in work under the design-build delivery method, converting more than 37,000 streetlights to induction and LED technologies, working hand-in-hand with City staff, completing the two projects with zero contractor-initiated change orders. As a result the entire team is experienced and knowledgeable of local building codes, municipal permitting agencies, regulations and policies as evidenced by the relevant subcontractor projects listed in [Appendix 6](#).

A core competency of the collective team is the successful completion of energy efficiency upgrades on buildings for commercial, municipal, state and federal buildings in the greater San Diego area. As a result the entire team has proven working knowledge of building codes, Title 24 requirements, and utility incentive programs. For example, Southern Contracting is not only registered with SDG&E as an On Bill Financing-certified contractor, they have also assisted municipalities, including the City of San Diego, apply for and earn more than \$500,000 in incentive rebates for their referenced design-build projects. In addition, Southern successfully completed a complex On Bill Financing Project for the City of Oceanside, securing ~ \$160,000 or OBF financing at about 30 different sites for streetlight projects at parking lots and parks across the City. Southern has learned SDG&E's OBF process requires exacting data input. Therefore, having an experienced contractor like Southern on the team assures the City proper support for securing OBF financing, should the City elect to pursue.

Section 8 –Project Organization and Personnel

Overview

Performance Automation Solutions has assembled a highly experienced team comprised of the following:

- **Performance Automation Solutions, San Diego California.** – Design-Builder of Record. Responsible for overall management, design, project execution and DDC Controls. Expertise in Building Automation. B, C-7, C-16, C-20, C-36 licenses.
- **Southern Contracting Company, San Marcos, California** – Electrical (A, C-10 licenses) Design-Builder. Responsible for electrical lighting and lighting controls installation, plus commissioning support. Troubleshoot and installation of PV systems. CALCTP-certified contractor.
- **Laser Electric, Inc., Escondido, California** – Low-voltage (C-7 and C-10 license) electrical contractor. Coordinate the low-voltage electrical and PV design elements, installation of all low-voltage elements and PV systems.
- **McClure Mechanical Systems, San Diego, California** – Mechanical / HVAC contractor. C-20 license.
- **Stantec, San Diego, California.** Electrical Engineering. Will provide all lighting, VFD, low voltage, and solar photovoltaic design. Responsible for all Title 24 lighting compliance.
- **VanderVeen Engineering Consultants, Temecula, California** – Mechanical / HVAC engineering and related Title 24 compliance.
- **Drake Integrations, LLC., San Diego, California** – DDC Controls Design, Test and Balance, 3rd Party Mechanical Commissioning Systems and building commissioning agent.
- **Superior Solutions Group, San Diego, California** – 3rd party enterprise-wide and systems / building controls commissioning. Expertise in the Daintree Lighting Controls platform.

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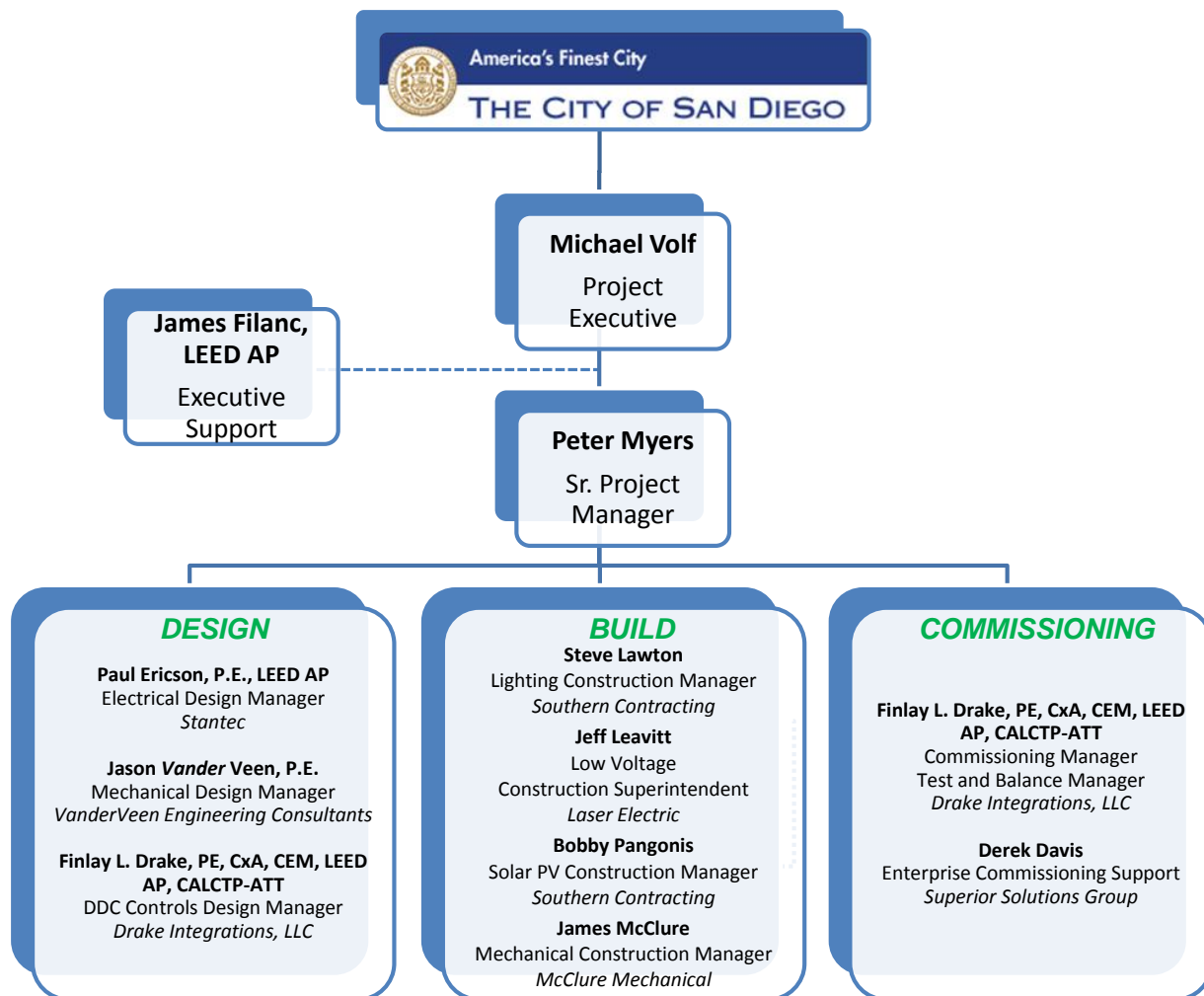
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PAS has worked on numerous projects with the above team members with the exception of Southern, Stantec and Superior. Southern has worked with Stantec on several major lighting design-build projects, including the \$4.1 million LED streetlight conversion and lighting automation project for the City of Oceanside. PAS and Southern collaborated on the production of this proposal and have developed a strong working relationship.

Project Organization

PAS has organized the project in a typical hierarchical structure, with PAS' Project Manager Michael Volf reporting directly to the City's designated Project Officer. This is essentially the same organization structure deployed by Southern on the City's Enlighten San Diego design-build project. Jim Filanc will support PAS in an executive oversight capacity to assure the direct design-build experience with the City of San Diego is brought to bear. The organization chart is presented below.



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Key Personnel

Below are profiles of the key nominated personnel for this project. Their full resumes can be found in [Appendix 5](#).

Mr. Michael Volf *Project Executive*

PAS Founder and principal. Mr. Volf has over 30 years' experience specializing in the design and construction of high performance building projects, with an emphasis on the design-build delivery method. He has successfully completed energy efficiency upgrades on numerous public buildings and educational facilities. With a BS in Mechanical Engineering he will support the City as the Project Executive on the PAS team.

Mr. James Filanc, LEED AP *Executive Support*

Mr. Filanc has more than 30 years of design-build experience, working on energy projects around the world. He successfully led the development and execution of Southern's three most recent and relevant streetlight design-build projects, including San Diego's EnLighten San Diego Project. He will serve in an executive support capacity to assure contract compliance consistent with the City's contracting administration.

Mr. Peter Myers *Sr. Project Manager*

Mr. Myers has more than 30 years building construction industry. His most recent experience has been focused on building automation and controls, key components of today's high-performance building retrofit industry. Mr. Myers will lead the overall project, coordinating among design, construction and commissioning.

Mr. James McClure *Construction Manager, Mechanical, HVAC and VFD*

With over 25 years' experience, Mr. McClure has an extensive track record of constructing and installing mechanical/HVAC and VFD technologies in high performance buildings. He will support PAS as Project Manager on installation of all energy efficient mechanical system upgrades consistent with Title 24 requirements.

Mr. Steve Lawton *Construction Manager, Lighting and Controls*

Mr. Lawton has more than 22 years' experience, including the role as project manager for the City of San Diego on the EnLighten San Diego decorative post top project. Mr. Lawton was the General Foreman on Southern's three streetlight replacement design-build contracts, directing the installation of more than 42,000 LED and induction streetlights. He also directed the installation of the two LED test beds, including one adaptive controls test bed for the City of San Diego and the LED Adaptive Controls Test Bed in Chula Vista. Mr. Lawton will be directly responsible for all field installation work, worker training and safety.

Mr. Bobby Pangonis *Construction Manager*

Mr. Pangonis has over 25 years' experience in the building construction industry. He has been Southern's construction manager on solar PV projects for the past five years, having completed the design-build installation of more than 500 kW of solar PV on eleven city facilities for the City of Chula Vista. He will oversee the design and installation of solar PV.

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Mr. Jeff Leavitt

Electrical Superintendent

Mr. Leavitt has over 20 years' experience in the installation of lighting, lighting controls, low voltage systems and solar PV installations. He will serve as the low voltage installation specialist on the project.

Mr. Jason Vander Veen, PE, CxA, CEPE

Mechanical Engineer

Mr. Vander Veen, as principal of VanderVeen Engineering, has 13+ years' experience with design of HVAC and plumbing systems range from energy audits with life cycle/technical reports, hospitality/resorts, central plants, biotech/laboratory, medical/hospital, master planning, commercial and government projects (upgrades and new construction). He will serve as the mechanical engineer for HVAC, VFD and related mechanical systems.

Mr. Paul Ericson, PE

Electrical Engineer

Mr. Ericson has over 30 years' experience in the design of lighting and electrical systems. He has been assisting the City of San Diego with the development of outdoor lighting projects for the past several years and is experienced in all facets of doing business with the City. He also teaches Title 24 code compliance at a local educational facility. Mr. Ericson will serve as the Electrical Engineer on the project, bringing the full resources of Stantec to bear in support of the project.

Findlay Drake, PE, CxA, CEM, LEED AP, CALCTP-ATT

DDC Design Manager, Building Commissioning Agent, Test & Balance Manager

Mr. Drake has more than 10 years' experience as Certified Commissioning Authority (CxA). He has successfully completed projects for SDG&E and the U.S. Navy, among others. Mr. Drake will lead the design and implementation of the commissioning process of all new mechanical, lighting and controls systems. He also will be responsible for DDC design and T&B.

Derek Davis

Enterprise Commissioning Agent

Mr. Davis has more than 10 years' experience. He is certified in the design, deployment and commissioning of lighting controls systems like lighting controls solution from Daintree. He will support Mr. Drake in the design and implementation of the building commissioning process to the extent that the City elects to implement our proposed building enterprise data management platform.

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Section 9 – Equal Employment and Contracting Information

Overview

The City has challenged the proposing design-builders to proactively achieve contractor diversity. Performance Automation Solutions has taken this concept to heart and regularly reaches out to disadvantaged firms when additional technical expertise or specialty contracting support is required. To start with, PAS is a woman-owned business, is certified as an SLBE business, and is registered as a HUBZone business. Evidence of our registration is found in [Appendix 3, Disadvantaged Business Status Documentation](#). Presented in this section is information demonstrating how we encourage disadvantaged subcontractor participation.

Subcontractor Participation

Presented in [Appendix 3](#) are mandatory forms, Subcontractor Past Participation List, Form AA50 for the three project descriptions provided under Experience and Technical Competence. PAS routinely utilizes the services of subcontractors to provide complete technical coverage on its high-performance building projects. We have found in this complex local market that most design-build firms do not have all the expertise under one roof. This requires the prime design-builder to be a competent manager to coordinate all technical requirements delivered through subcontractors to meet cost and schedule requirements.

PAS has and continues to successfully deliver utilizing qualified subcontractors. Since we started as a disadvantaged firm we appreciate the value of cities like San Diego requiring disadvantaged business participation. For the City's current program we first approached our proven subcontractors who meet the requirements outlined by the City. They include:

- ✓ Laser Electric -- WBE, SBE
- ✓ McClure – WBE
- ✓ Drake Integrations -- SLBE

In addition, Drake Integrations and Laser are certified as a disadvantaged businesses with the State of California General Services. Therefore, 50% of the team meet the disadvantaged business status sought by the City of San Diego. Furthermore, based on the rules governing disadvantaged business participation, PAS, by virtue of its proven status, may qualify the value entire contract as contributing toward disadvantaged business participation goals. Proof of the above claims can also be found in [Appendix 3, Disadvantaged Business Status Documentation](#).

Workforce Report

The signed workforce report is presented in [Appendix 2](#).

Pending Actions

PAS has not had any actions nor any actions pending related to filed discrimination complaints in its history. Please refer to [Appendix 4](#) for the signed Pending Actions affidavit as required by this RFQ.

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Equal Employment Opportunity Plan

PAS is excited about bringing Southern Contracting (SCC) on as a key subcontractor. SCC has a strong track record of meeting or exceeding disadvantaged business participation goals with the City of San Diego and has a formal equal employment opportunity plan in place. Features of the SCC plan include:

1. **Mentoring** -- SCC has formally mentored three minority and SDVOSB firms in the past five years.
2. **Written Plan** – SCC has a written plan and EEO Policy.
3. **Successful EEO Plan Implementation** – SCC has completed two major design-build energy efficiency projects for the City of San Diego in the past five years, totaling more than \$21 million. In both cases SCC not only met the proposal documentation requirements without comment, but also met or exceeded the City’s disadvantaged participation goals.
4. **Success Story** – One of SCC’s subcontractors, Evari GIS, received its first major contract on the San Diego Streetlight Induction Project, involving the replacement of 34,600 streetlights with energy efficient induction lights. At the time, Evari was registered as an Emerging Local Business (ELBE). Evari has since grown to more than 10 employees and has secured contracts across the United States.

The benefit of having SCC on the PAS Team is that SCC brings both the spirit and proven ability to encourage and hire disadvantaged businesses, while delivering projects on time and within approved budget on behalf of the City of San Diego. SCC’s formal plan can be utilized as a template for PAS should the City decide to require PAS to implement a formal Equal Employment Opportunity Plan beyond the concrete steps taken here. *We walk the talk!*

Section 10 – Financial Arrangements

Performance Automation Solutions is submitting this proposal as the Prime Contractor. There are no joint-venture partners. PAS has fully complied and is qualified under the City’s formal pre-qualification process. PAS is approved to submit this Statement of Qualifications per the City’s required \$10 million limit.

Section 11 – Change Order and Litigation History

PAS has a strong record of initiating no change orders on projects under its leadership. We take care in fully understanding client requirements, then developing our approach and related budgets to complete the project per contract. Of the projects listed below, change orders totaled about 2.5% of the original contract price, with 2.3% attributable to client-ordered changes and 0.2% attributed to client-agreed-to plan deficiencies.

Below is a summary of PAS’ Change Order history.

Value Awarded	\$15,806,982				Qty of jobs
Value of CO	\$400,502			Plans /Spec	19
Value Completed	\$16,207,484			Design Build	62
% of CO per volume	2.5%			Service	19

A list of PAS-led projects completed in the past three years demonstrating our ability to complete the project within budget is presented in [Appendix Z](#). 100% of the required data specified by this RFQ is presented here.

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Appendix 1

Attachment C

Certification of Exceptions to the Request For Qualifications Document

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of Performance Automation Solutions, Inc
(Company Name)

hereby stipulates that Performance Automation Solutions, Inc takes no exceptions to
this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.

Michael Volf

July 6, 2016

Authorized Representative

Date

CEO

Performance Automation Solutions, Inc.

Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes the following
exceptions

(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative

Date

Company

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Appendix 2

Workforce Report



City of San Diego
EQUAL OPPORTUNITY CONTRACTING PROGRAM
1200 Third Avenue, Suite 200, San Diego, CA 92101
(619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: Performance Automation Solutions, Inc.

AKA/DBA: PAS Controls

Address (Corporate Headquarters, where applicable): 10633 Roselle Street, Suite G
City San Diego County San Diego State CA Zip 92121
Telephone Number: (858) 391-6400 FAX Number: (858) 391-6407
Name of Company CEO: Michael Volf

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):
Address: N/A
City _____ County _____ State _____ Zip _____
Telephone Number: () _____ FAX Number: () _____

Type of Business: Construction Type of License: B, C-7, C-16, C-20, C-36

The Company has appointed: Nellie Volf
as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:
Address: 10633 Roselle Street, Suite G, San Diego CA 92121
Telephone Number: (858) 391-6400 FAX Number: (858) 391-6407

For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of
Performance Automation Solutions, Inc.

San Diego, CA (San Diego) (San Diego) hereby certify that information provided
(County) (State)

herein is true and correct. This document was executed on this day of July, 6th
2016

Nellie Volf
(Authorized Signature)

Nellie Volf

(Print Authorized Signature Name)

MACC Request for Qualifications

Energy Conservation Measures and Building Retrofit Projects at City Facilities

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STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

WORK FORCE REPORT - Page 2

NAME OF FIRM: Performance Automation Solutions, Inc.

DATE: 07/06/2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Executive, Administrative, Managerial											2	1		
Professional Specialty											9	1		
Engineers/Architects					1									
Technicians and Related Support			2	1									1	1
Sales														
Administrative Support/Clerical														
Services														
Precision Production, Craft and Repair														
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			2	1	1							11	2	1	1
--------------------	--	--	---	---	---	--	--	--	--	--	--	----	---	---	---

GRAND TOTAL ALL EMPLOYEES			3												16	
---------------------------	--	--	---	--	--	--	--	--	--	--	--	--	--	--	----	--

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED																
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS																
VOLUNTEERS																
ARTISTS																

MACC Request for Qualifications

Energy Conservation Measures and Building Retrofit Projects at City Facilities

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

WORK FORCE REPORT - Page 3

NAME OF FIRM: Performance Automation Solutions, Inc.

DATE: 07/06/2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
	Carpenter													
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers														
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers														
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers														
Welders, Cutters														
TOTALS EACH COLUMN														
GRAND TOTAL ALL EMPLOYEES														

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

Appendix 3

Disadvantaged Business Status Documentation

Overview

Shown on the following three pages is a copy of completed Form AA50 for the required three project descriptions. Following these pages with Form AA50 is the disadvantaged business certification documentation as shown in Form AA50.

Form AA50

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: County of San Diego Job / 3 FRC's Building Energy Upgrades
 TYPE OF PROJECT: Energy Upgrades of HVAC and Lighting Systems DOLLAR VALUE OF PROJECT: \$187,700

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB*	WHERE CERTIFIED*
Name: <u>Laser Electric</u> Address: <u>2250 Micro Place #200</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-658-6626</u> Email: <u>jesseelliot@laserelectric.com</u>	Contractor	C-10 513888	Electrical Installation of DDC Controls	\$106,150	WBE SBE CALCTP-AT	FED.CERT VON#9IS00055 State Of CA. #31600 TC-A813563
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

MACC Request for Qualifications
 Attachment D - Form AA50 - Design-Build Subcontractors and Suppliers Past Participation List
 Energy Conservation Measures and Building Retrofit Projects at City Facilities

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Energy Recommissioning of 5 bldgs. at NBSD/Balboa Hospital

DOLLAR VALUE OF PROJECT: \$442,638

TYPE OF PROJECT: Energy Upgrades of HVAC System

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB*	WHERE CERTIFIED*
Name: <u>Laser Electric</u> Address: <u>2250 Micro Place #200</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-658-6626</u> Email: <u>jesse Elliot@laserelectric.com</u>	Contractor	C-10 513888	Electrical Installation of DDC Controls	\$106,150	WBE SBE CALCTP-AT	FED. CERT. von #91S00055 State of CA #31600 TC-A813563
Name: <u>Drake Integration</u> Address: <u>2515 Camino Del Rio South #338</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92108</u> Phone: <u>619-402-1331 x 700</u> Email: <u>finlay@drakeintegration.com</u>	Contractor	CA #CS7426 CxA AABC #1211-934	Mechanical Commissioning T&B	\$47,730	Application submitted for SLBE	City Of SD

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WOSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

MACC Request for Qualifications

Attachment D - Form AA50 - Design-Build Subcontractors and Suppliers Past Participation List
Energy Conservation Measures and Building Retrofit Projects at City Facilities

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STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



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DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Delivery Order - 3 Recommissioning of 27 BLDGS at NBSD / NASNI Coronado

TYPE OF PROJECT: Remodel / Recommissioning of 27 BLDGS at NBSD

DOLLAR VALUE OF PROJECT: 1,161,868

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WOSB, HUBZone, OR SDVOSB*	WHERE CERTIFIED*
Name: <u>Laser Electric</u> Address: <u>2250 Micro Place #200</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-658-6626</u> Email: <u>jesseliot@laserelectric.com</u>	Contractor	C-10 513888	Electrical Installation	287,320	WBE SBE CALCTP-AT	FED. CERT. von #9IS00055 State of CA #31600 TC-A813563
Name: <u>Drake Integration</u> Address: <u>2515 Camino Del Rio South #338</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92108</u> Phone: <u>619-402-1331 x 700</u> Email: <u>finlay@drakeintegration.com</u>	Contractor	CA #CS7426 CxA AABC #1211-934	Test & Balance	44,680	Application submitted for SLBE	City Of SD

① As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WosB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

MACC Request for Qualifications

Attachment D - Form AA50 - Design-Build Subcontractors and Suppliers Past Participation List
Energy Conservation Measures and Building Retrofit Projects at City Facilities

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STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



America's Finest City

THE CITY OF SAN DIEGO

Performance Automation Solutions



Presented here are PAS certifications proving its status as required by the City's RFQ.



THE CITY OF SAN DIEGO

February 22, 2016

Performance Automation Solutions
Ms. Nellie Volf
10633 Roselle Street, Suite G
San Diego, CA 92121

Subject: Small Local Business Enterprise Certification

Dear Ms. Volf:

Congratulations! We have reviewed your application and you have been approved for certification as a City of San Diego Small Local Business Enterprise (SLBE). Your certification number is 14PA1317 and your classification is General Construction. Please reference this certification number when bidding on City projects. For the City's Small Local Business Enterprise (SLBE) Program, your certification is effective February 22, 2016. This certification expires on February 22, 2018 at which time you will need to reapply in accordance with the SLBE guidelines.

To receive potential contracting opportunities, please ensure that you register with the City's web-based vendor registration and bid management system, BidsOnline™ hosted by PlanetBids System. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>

Construction Contractors: Contractors desiring to bid as a prime contractor on City of San Diego public works construction projects must be prequalified in accordance with the San Diego Municipal Code §22.3004(a).

Contractors certified as an emerging or small local business under the City's SLBE program may, **upon submittal of their bond letter**, be prequalified to bid as a prime contractor for projects up to \$1 million or their single-project bond limit, **whichever is less**. To become prequalified, go to the "Prequalification" tab in the vendor profile on PlanetBids, select "Prequalification for City Certified SLBE", and upload a current bond letter, addressed to the City of San Diego, stating single project and aggregate bonding limits.

To become prequalified as a prime contractor and bid on large projects valued at **more than \$1 million**, complete the online Prequalification Program Application found on PlanetBids. Contractors will need to provide references, a complete, current reviewed or audited financial statement and a current bond letter via PlanetBids.

Purchasing & Contracting Department
Equal Opportunity Contracting
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Tel (619) 236-6000 Fax (619) 236-5904

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



America's Finest City

THE CITY OF SAN DIEGO

Page 2 of 2
Ms. Volf
February 22, 2016

To bid on a specific project, the prequalification application must be received at least two weeks **prior** to the bid due date. Upon prequalification approval, an automated email notification will be forwarded from PlanetBids. Please be sure to print your prequalification approval letter for your records.

For questions regarding the Prequalification Program, please contact Dave Stucky at (619) 533-3474 or email DStucky@sandiego.gov.

For questions regarding the SLBE Program, please contact Equal Opportunity Contracting at (619) 236-6000 or e-mail ContactEOC@sandiego.gov.

If there are any changes in your firm's status during this certification period, you are required to notify this office *immediately*.

Equal Opportunity Contracting reserves the right to withdraw this certification at any time and request additional information and/or conduct on-site visits for purposes of verification.

Thank you,

A handwritten signature in blue ink, appearing to read 'H. Foster III'.

Henry Foster III
Program Manager
Equal Opportunity Contracting

Purchasing & Contracting Department
Equal Opportunity Contracting
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Tel (619) 236-6000 Fax (619) 236-5904

STATEMENT OF
QUALIFICATIONS

MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

City of San Diego



**Small Local Business Enterprise (SLBE)
Program Certification**

Performance Automation Solutions

Small Local Business Enterprise (SLBE)

General Construction

(NAICS: 238220)

Certification Number: 14PA1317

Effective: 2/22/2016 - 2/22/2018

Henry Foster III
Equal Opportunity Contracting
Program Manager

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

Laser Electric



SUPPLIER CLEARINGHOUSE CERTIFICATE OF ELIGIBILITY

CERTIFICATION EXPIRATION DATE: **October 1, 2018**

The Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission hereby certifies that is has audited and verified the eligibility of:

Laser Electric Inc

Women Business Enterprise (WBE)

pursuant to Commission General Order 156, and the terms and conditions stipulated in the Verification Application Package. This Certificate shall be valid only with the Clearinghouse seal affixed hereto.

Eligibility must be maintained at all times, and renewed within 30 days of any changes in ownership or control. Failure to comply may result in a denial of eligibility. The Clearinghouse may reconsider certification if it is determined that such status was obtained by false, misleading or incorrect information. Decertification may occur if any verification criterion under which eligibility was awarded later becomes invalid due to Commission ruling. The Clearinghouse may request additional information or conduct on-site visits during the term of verification to verify eligibility.

This certification is valid only for the period that the above firm remains eligible as determined by the Clearinghouse. Utility companies may direct inquiries concerning this Certificate to the Clearinghouse at (800) 359-7998 in Los Angeles.

ICON: 91S00055

DETERMINATION DATE: October 1, 2015

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO



LASER ELECTRIC INC - #31600

SUPPLIER PROFILE	
Legal Business Name	LASER ELECTRIC INC
Doing Business As	LASER ELECTRIC INC
Address	PO Box 28998 SAN DIEGO, CA 92198
Email	genis@laserinc.com
Web Page	http://www.laserelectric.com
Business Types	Construction Service Manufacturer
Service Areas	Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego,
Keywords	ELECTRICAL GENERAL ELECTRICAL CONTROLS ELECTRICAL TESTING COMMERCIAL INDUSTRIAL SERVICE
Construction License Types	C-10 - Electrical (general)
Classifications	721515 - Electrical system services

Active Certifications

TYPE	STATUS	FROM	TO
SB	Approved	Dec 6, 2013	Dec 31, 2016

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



America's Finest City

THE CITY OF SAN DIEGO

McClure Mechanical



SUPPLIER CLEARINGHOUSE CERTIFICATE OF ELIGIBILITY

CERTIFICATION EXPIRATION DATE: **August 5, 2018**

The Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission hereby certifies that it has audited and verified the eligibility of:

***McClure Mechanical Systems, Inc.
Women Business Enterprise (WBE)***

pursuant to Commission General Order 156, and the terms and conditions stipulated in the Verification Application Package. This Certificate shall be valid only with the Clearinghouse seal affixed hereto.

Eligibility must be maintained at all times, and renewed within 30 days of any changes in ownership or control. Failure to comply may result in a denial of eligibility. The Clearinghouse may reconsider certification if it is determined that such status was obtained by false, misleading or incorrect information. Decertification may occur if any verification criterion under which eligibility was awarded later becomes invalid due to Commission ruling. The Clearinghouse may request additional information or conduct on-site visits during the term of verification to verify eligibility.

This certification is valid only for the period that the above firm remains eligible as determined by the Clearinghouse. Utility companies may direct inquiries concerning this Certificate to the Clearinghouse at (800) 359-7998 in Los Angeles.

VON: 15060158

DETERMINATION DATE: August 5, 2015

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



America's Finest City

THE CITY OF SAN DIEGO

Drake Integrations



THE CITY OF SAN DIEGO

July 7, 2016

Drake Integrations LLC
Mr. Finlay Drake
2515 Camino Del Rio South Suite # 338
San Diego, CA 92108

Subject: Small Local Business Enterprise Certification

Dear Mr. Drake:

Congratulations! We have reviewed your application and you have been approved for certification as a City of San Diego Small Local Business Enterprise (SLBE). Your certification number is 14DI1357 and your classification is Professional Services. Please reference this certification number when bidding on City projects. For the City's Small Local Business Enterprise (SLBE) Program, your certification is effective July 6, 2016. This certification expires on July 6, 2018 at which time you will need to reapply in accordance with the SLBE guidelines.

To receive potential contracting opportunities, please ensure that you register with the City's web-based vendor registration and bid management system, BidsOnline™ hosted by PlanetBids System. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>

Construction Contractors: Contractors desiring to bid as a prime contractor on City of San Diego public works construction projects must be prequalified in accordance with the San Diego Municipal Code §22.3004(a).

Contractors certified as an emerging or small local business under the City's SLBE program may, **upon submittal of their bond letter**, be prequalified to bid as a prime contractor for projects up to \$1 million or their single-project bond limit, **whichever is less**. To become prequalified, go to the "Prequalification" tab in the vendor profile on PlanetBids, select "Prequalification for City Certified SLBE", and upload a current bond letter, addressed to the City of San Diego, stating single project and aggregate bonding limits.

To become prequalified as a prime contractor and bid on large projects valued at **more than \$1 million**, complete the online Prequalification Program Application found on PlanetBids. Contractors will need to provide references, a complete, current reviewed or audited financial statement and a current bond letter via PlanetBids.

Purchasing & Contracting Department
Equal Opportunity Contracting
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Tel (619) 236-6000 Fax (619) 236-5904

STATEMENT OF QUALIFICATIONS

*MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities*



America's Finest City

THE CITY OF SAN DIEGO

Page 2 of 2
Mr. Drake
July 7, 2016

To bid on a specific project, the prequalification application must be received at least two weeks **prior** to the bid due date. Upon prequalification approval, an automated email notification will be forwarded from PlanetBids. Please be sure to print your prequalification approval letter for your records.

For questions regarding the Prequalification Program, please contact Dave Stucky at (619) 533-3474 or email DStucky@sandiego.gov.

For questions regarding the SLBE Program, please contact Equal Opportunity Contracting at (619) 236-6000 or e-mail ContactEOC@sandiego.gov.

If there are any changes in your firm's status during this certification period, you are required to notify this office *immediately*.

Equal Opportunity Contracting reserves the right to withdraw this certification at any time and request additional information and/or conduct on-site visits for purposes of verification.

Thank you,

A handwritten signature in blue ink, appearing to read 'Henry Foster III'.

Henry Foster III
Program Manager
Equal Opportunity Contracting

Purchasing & Contracting Department
Equal Opportunity Contracting
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Tel (619) 236-6000 Fax (619) 236-5904

STATEMENT OF
QUALIFICATIONS

MACC Contracts for Energy Conservation Measures
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America's Finest City

THE CITY OF SAN DIEGO

City of San Diego



**Small Local Business Enterprise (SLBE)
Program Certification**

Drake Integrations LLC

Small Local Business Enterprise (SLBE)

Professional Services

(NAICS: 541330)

Certification Number: 14DI1357

Effective: 7/6/2016 - 7/6/2018

Henry Foster III
Equal Opportunity Contracting
Program Manager

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

Appendix 4

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: Performance Automation Solutions, Inc

Certified By Michael Volf Title CEO

[Signature] Name
Signature Date 6/29/16

USE ADDITIONAL FORMS AS NECESSARY

STATEMENT OF QUALIFICATIONS

MACC Contracts for Energy Conservation Measures
and Building Retrofits Projects at City Facilities



America's Finest City

THE CITY OF SAN DIEGO

Appendix 5

Resumes of Key Personnel



10633 Roselle Street, Suite G, San Diego, CA 92121
Main: (858) 391-6400 • Fax: (858) 391-6407
California License #946532

Michael Volf

5178 Seagrove Pl,
San Diego, CA 92130

Michael@pascontrols.com
Tel: 619-921-6831

Qualifications: Over thirty (30) years experience at all industry levels, from labor to management.
Enjoy the challenges of problem discovery and resolution. Extensive experience in construction documentation and procedures.

Experience:

PERFORMANCE AUTOMATION SOLUTIONS, INC
10633 Roselle Street, San Diego, CA

2010-Current CEO

Involved in all aspect of business from Estimating to final completion of the projects. Negotiation of contracts, business relations with General contractors and Owners, interaction with all subcontractors and vendors, promoting Small business for State and Federal Contracts. Design Build and Plan and Spec projects.

PROJECTS:

STATE

SDSU Storm and Nasatir Hall
SDSU EBA Chiller Plant
SDSU Main Chiller Emergency Repair
SDSU Zura Hall
Cal Poly Boilers
Van Nuys City Hall
County of San Diego Niagara Integration
County of San Diego North FRC, El Cajon FRC, Southeast FRC, NI FRC
UCSD Pediatric Research Suites
SDGE DO-3 DDC Controls AWEMS

MILITARY

Quality of Life BEQ 29 Palms
GYB 011 Monterey Precidio
Admiral Baker Clubhouse AWEMS
Energy Re-commissioning MCB Camp Pendleton
Enlisted Dining Facility Coronado NAB
Rambur Hall BEQ Naval Base SD

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Behavior Science VA Loma Linda
CAC VA Loma Linda
P-500 LCS Naval Base SD
Dental Clinic Bld 3230 Naval Base SD
Multiple Buildings HVAC repair NAB Coronado

ALPHA MECHANICAL, HEATING & AIR CONDITIONING 4990 Greencraig Lane, San Diego, CA

1994 – 2010 Chief Estimator-VP-President

Coordinated with construction personnel, architects, GC personnel and other subs. Reviewed plans and contract documents. Prepared RFI's. Reviewed and documented daily reports with respect to: delays, disruptions, discrepancies, contract issues, etc. Prepared material requests complimenting the job schedule. Scheduled and followed up on these deliveries. Reviewed man hours to date versus man hours to complete on a weekly basis. Reviewed cost-to-complete reports prepared by Project Managers on a monthly basis. Interacted with customers, vendors and subcontractors. Contracts, business relations.

PROJECTS:

NEW SCHOOLS

Mountain Shadows – Nu View School District
Beaumont Middle School – Beaumont Unified School District
Reidy Creek Elementary – Escondido Unified School District
Neighborhood 10 Elementary – Del Mar School District

SCHOOL REMODEL OR EXPANSION

Madison – San Diego Unified
Lafayette – San Diego Unified
Marston – San Diego Unified
Sisson – San Diego Unified
Riley – San Diego Unified
Montgomery – San Diego Unified
Castle Park Middle School – Sweetwater School District
Mar Vista – Sweetwater School District
National City – Sweetwater School District
Southwest Middle School – Sweetwater School District
Coronado High School Ph I, II, & III – Coronado School District
San Diego State University Health Services – San Diego, CA

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Repair BEQ's 22211, Camp Pendleton, CA
Repair BEQ's 22212, Camp Pendleton, CA
BEQ, Camp Pendleton Roof Repairs:
53599, 33612, 140107, 2408, 33531, 33616, 33612, Camp Pendleton
Mira Mar MCAS Fitness Center

COMMERCIAL CONSTRUCTION

Coronado Public Library Expansion & Alteration
Encinitas Community & Senior Center
U.S. Customs & Border Patrol Sector Support Facility – Otay
Sector Headquarters – El Centro

KULITE SEMICONDUCTOR, INC

Leonia, NJ

1989-1994

Engineer

Responsibilities include mechanical verification of components and material certification data. Reviewing of supplier data for compliance, inspecting all product in accordance with Kulite procedures, including performance of dimensional verifications using measurement tools to complete first articles. Participation in design and production control.

Education: Omsk State University, Omsk, Russia
BS in Mechanical Engineering

References: Available Upon Request

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JAMES FILANC, LEED AP

Position: Executive Support

Education & Training

BS, Finance, San Diego State University

Masters Studies, CSU, Long Beach

Technical Writing, University of California Los Angeles



Mr. Filanc has over 34 years of relevant experience in the energy, technology and healthcare industries. He has managed budgets in excess of \$400 million, and been responsible for the development of complex, technical projects for Fluor Daniels, Brown & Root, and Jacobs Engineering. For Southern Contracting, Mr. Filanc is responsible for energy efficiency and solar PV projects.

Relevant Experience

- **Broad Spectrum Induction Street Light Replacement Project.** City of San Diego. **Executive Sponsor, Project Manager.** \$16.05 million. Converted 34,600 streetlights to induction technology using the design-build process. Completed: Winter, 2013.
- **EnLighten San Diego Decorative Post Top Project.** City of San Diego. **Executive Sponsor, Project Manager.** \$5.2 million. Converted 3,000 decorative post top lights in downtown San Diego to new 86 watt decorative post top lights. This design-build project also provided 3,600 GE Light Grid adaptive control nodes, providing system monitoring and dimming control. Provided design, installation, system commissioning and training.
- **LED Street Light Replacement Project.** City of Oceanside. **Project Manager.** Specification development and installation of 7,703 70W to 400W HPS luminaires with LED luminaires across the City under California's "piggyback" provisions using the design-build process. Installed and commissioned GE Light Grid Adaptive Controls System, first full city deployment of this lighting controls technology in the U.S.
- **Citywide Solar PV Program.** City of Chula Vista. **Executive Sponsor.** \$3.2 million. Developed and oversaw the design-build of eleven city facilities with 480 kW of Solar PV. Included rooftops, ground mount and parking structures at fire stations, a senior center, recreation facilities and city hall. Responsible for design, installation, commissioning and system training.
- **WRCOG Streetlight Acquisition Support and Lighting Design Standards.** Western Riverside Council of Governments. **Program Manager.** \$550,000. Supporting 16 municipal governments purchase 60,000 streetlights for Southern California Edison, and provide a regional LED lighting design for each of the cities, from Temecula to Calimesa.
- **LED Street Light Replacement Project, Phases One and Two.** City of Chula Vista. **Executive Sponsor, Project Manager,** Financed with a low interest CEC loan, producing a payback of less than nine years. Project valued at \$4.65 million. Design-build project. Completed May, 2013.
- **LED Post Top Retrofit Project.** City of San Marcos. **Project Manager.** Conversion of 2,254 roadway and residential lights from LPS to LED. Design-build services provided under piggyback provisions of the City of San Diego Post Top Project. \$1,002,000.00.

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10633 Roselle Street, Suite G, San Diego, CA 92121
Main: (858) 391-6400 • Fax: (858) 391-6407
California License #946532

Name: Peter J. Myers
Title: Project Manager
Years of Experience: 17 Years in Building Automaton
32 Years in Construction

Major Project Experience

Managed new construction and retrofit projects from the design/estimating phase through the owner turnover phase, including customer training. Program/Project experience includes the following:

- **Department of the Navy at Naval Base San Diego, San Diego, CA**
Responsibilities: Sr. Project Manager
Delivery Order 3 Phase I & II – Retro Commissioning Project for Area Wide Energy Management System (AWEMS)
- **SDSU Storm and Nassir Hall, San Diego State University San Diego, CA**
Responsibilities: Sr. Project Manager
Building Automation System (BAS) using Distech LON Platform and Tridium Niagara Ax for the construction and retrofit of new and existing classroom buildings on the campus
- **San Diego International Airport, San Diego, CA**
Responsibilities: Program Manager
BAS utilizing BacNet and integration into the Airport's Master Building Management System
BAS (BacNet) for the Terminal Development and Concession Programs (Airport Expansion),
- **Palomar Medical Center West – New Hospital construction. Escondido, CA**
Responsibilities: Project Manager
BAS (BacNet) installation for New Hospital
- **Naval Replacement Hospital at Camp Pendleton – New Hospital construction, Camp Pendleton, CA**
Responsibilities: Project Manager
BAS (BacNet) installation for New Hospital
- **Genentech – Validated Research and Development Facility(s), Oceanside, CA**
Responsibilities: Program Manager
Various BAS Projects for new Pharm facilities using Siemens Apogee P1
- **Illumina San Diego, CA– Research and Development Facility, San Diego, CA**
Responsibilities: Project Manager
Various BAS Projects for new R&D facilities using BacNet and Siemens Apogee P1
- **GenProbe, Inc. – Validated Research Development Facility(s), San Diego, CA**
Responsibilities: Project Manager
Various BAS Projects for new R&D facilities using Siemens Apogee P1

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California License #946532

- **Life Technologies, Inc. (formerly Invitrogen) - Research and Development Facility, Carlsbad, CA**
Responsibilities: Project Manager
Various BAS Projects for new R&D facilities using Siemens Apogee P1
- **The Scripps Research Institute – Various R&D/Vivarium Projects, La Jolla, CA**
Responsibilities: Program Manager
Various BAS Projects for new R&D facilities using Siemens Apogee P1

Professional Experience:

- 2013 – Present
Performance Automation Solutions, Inc.
San Diego, CA
Project Manager, Senior Project Manager
- 1997 – 2013
Siemens Industries, Inc.
San Diego, CA
Various Positions
- 1995 – 1997
Rudolf and Sletten, Inc.
San Diego, CA
Senior Project Engineer
- 1985 – 1995
Walsh Construction Company
Trumbull, CT
Project Engineer Positions
Scheduling, Cost Control & Field Coordination
- 1982 – 1984
The Huntington Co. Engineers and Surveyors
Fairfield, CT
Surveyor/Draftsman

Education

1980-1984 Florida Institute of Technology
Bachelor of Science Degree in Civil Engineering

1996-1997 University of California, San Diego
Certificate in HVAC Systems Design and Controls.

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Paul K. Ericson PE, DBIA, LEED AP

Principal, Electrical Engineering & Lighting Design



Paul has more than 35 years of design experience in lighting, power and special systems design for renovations and retrofit projects. His experience includes municipal, civic, institutional, healthcare, and corporate clients. Paul is responsible for project management including client contact, overall concept designs, specifications, project scheduling, estimating and supervision of design personnel. He is actively involved with the Illuminating Engineering Society of North America (IESNA) at the Society level and has received several lighting design awards from the IESNA. He is also the Education Chair at the local San Diego Section level.

EDUCATION

BS, Electrical Engineering, Worcester Polytechnic Institute, Worcester, Massachusetts

PROJECT EXPERIENCE

- Oceanside Street Lighting Retrofit, Oceanside, CA; D/B with 7,600 lights converted to LED with extensive, mesh network controls.
- City of San Diego, Centre City Development Corporation (CCDC) Lighting Design Master Plan*, San Diego, CA
- City of San Diego Lighting Retrofits, San Diego, CA; City Representative to downtown LED Street light conversion.
- San Diego County Garage & Maintenance Facility New Garage and Tenant Improvement, San Diego, CA; LED lighting with mesh network to comply with current Title-24 control requirements.
- US Navy Building 127 Renovation, San Diego, CA
- Naval Medical Center San Diego Cardiology Renovation, San Diego, CA; Lighting and power renovations.
- Loma Linda University Steam Plant Seismic Retrofit, Loma Linda, CA
- UC Davis Medical Center North Expansion, Sacramento, CA; Owner Rep for D/B administration building. Wrote bridging documents including requirements for lighting and controls.
- Sharp Mary Birch 3rd Floor Renovation, San Diego, CA; Renovation to in-use hospital for lighting and power systems including controls.
- Scripps Encinitas Operating Room Addition Study and Renovation, Encinitas, CA
- Cuyamaca Community College Infrastructure Upgrade and Campus Lighting Design*, El Cajon, CA
- San Diego International Airport, Terminal 2 West Building Expansion, San Diego, CA*; Full lighting and controls design for project.
- McCarthy Office Tenant Improvement, San Diego, CA; High end corporate office lighting and controls design, T24 compliant.

REGISTRATIONS

Professional Engineer #E11219,
State of California

Professional Engineer #E23792,
State of Arizona

LEED Accredited Professional,
U.S. Green Building Council

Designated Design-Build
Professional, Design-Build
Institute of America

MEMBERSHIPS

Sustaining Member,
Committee Chair, Illuminating
Engineering Society of North
America

Member, International
Association of Lighting
Designers

Member, International
Association of Electrical
Inspectors

Member, Former CAD
Standards Committee,
National Institute of Building
Sciences

Member, Construction
Specifications Institute

Member, San Diego Chapter,
U.S. Green Building Council

* denotes projects completed with other firms

Design with community in mind

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RESUME

Jason Vander Veen, PE, CxA, CEPE

VANDERVEEN ENGINEERING CONSULTANTS, INC, Temecula, CA **June 2013 – Present**
Mechanical Engineer

Licensed Professional Engineer in the State of California, Certified Energy Plans Examiner and Commissioning Authority. Displays comprehensive experience in HVAC design, Plumbing design, mechanical quality control and project management. Projects with design of HVAC and plumbing systems range from energy audits with life cycle/technical reports, hospitality/resorts, central plants, biotech/laboratory, medical/hospital, master planning, commercial and government projects (upgrades and new construction). Experience ranges over 13 years in the commercial construction industry.

STUEVEN ENGINEERING CONSULTANTS, INC, Escondido, CA **Feb 2002 – June 2013**
Principal

RELEVANT EXPERIENCE

- **Bachelor Office Quarters P-802 and P-803.** Naval Air Station, Lemoore, CA. \$4 million. Project consisted of upgrading the 2-pipe system to a 4-pipe system with an upgraded central plant system. Provided efficient air cooled chiller, water pump, VFD controls and new air handling units.
- **Campus Center Apartments.** Southdale, Inc. \$1.0 million. Project consisted of heat pump units for each of the SDSU student living units and central domestic water system. Underground parking garage ventilation was provided in addition to ASHRAE 62.2 IAQ compliance.
- **Naval base Classroom Upgrades, Bldgs 3280, 3281, 3533, 3411.** Cape Henry Associates. \$3.0 million. Existing system inspection reports, HVAC unit replacements, HVAC control system upgrades

EDUCATION

SAN DIEGO STATE UNIVERSITY, San Diego, CA **May 2006**
Bachelor of Science in Mechanical Engineering

CERTIFICATES / LICENSES

Professional Engineer – Mechanical (CA – Lic. # M34874)
Certified Commissioning Authority (CxA) – AABC Commissioning Group (ACG) - # 514-1173
CQM Certification – SE9-04-15-00516
Certified Energy Plans Examiner – Residential Energy Standards
Certificate Number: R08-11-2031
Certified Energy Plans Examiner – Non-Residential Energy Standards
Certificate Number: NR08-5-3787

28362 Vincent Moraga, Suite A1
Temecula, CA 92590
Phone: 951-795-5172
E-mail: jkv@vanderveeneng.com

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FINLAY L. DRAKE, PE, CXA, CEM, LEED AP, CALCTP-ATT



PROFESSIONAL EXPERIENCE

DRAKE INTEGRATIONS LLC, San Diego, CA

Sep 2011 – Present

President

Licensed Controls Systems Professional Engineer in the State of California, Certified Energy Manager, Commissioning Authority, LEED Accredited Professional and California Advanced Lighting Controls Acceptance Technician. Comprehensive experience in the design and implementation of HVAC, Building Automation, and Energy Management Systems. Energy consultant for new construction and Retro-Commissioning including energy modeling, facility auditing, ENERGY STAR® Benchmarking, energy code compliance (ASHRAE 90.1 & 189.1, EPA Act, Title 24) and USGBC LEED. Successful execution of projects for a variety of facility types including commercial, military, bio-tech, data centers, hospitality and healthcare.

DS ENGINEERING, INC, Escondido, CA

Jun 2010 – Aug 2011

Energy Engineering Manager

FACILITY AUTOMATION SYSTEMS, San Diego, CA

Mar 2008 – Jun 2010

Senior Engineer / EnergyEdge Manager

FMC TECHNOLOGIES, INC., Tyngsboro, MA

Mar 2006 – Mar 2008

Application Engineer / Project Manager

TOUR ANDOVER CONTROLS (now SCHNEIDER ELECTRIC), Andover, MA

Jan 2005 – Mar 2006

HVAC / Security Controls Engineering

EDUCATION

NORTHEASTERN UNIVERSITY, Boston, MA

May 2005

Bachelor of Science in Mechanical Engineering w. Business Administration Minor

PROFESSIONAL LICENSES

Professional Engineer – Control Systems (CA – Lic. # CS 7426)

Certified Commissioning Authority (CxA) – AABC Commissioning Group (ACG) - # 1211-934

Building Enclosure Commissioning Process Provider (BECxP) – University of Wisconsin

Commissioning Authority + Building Enclosure (CxA+BE) – University of Wisconsin

USGBC LEED AP

Certified Energy Manager (CEM) – AEE 15999

Lighting Controls Acceptance Test Technician (ATT) – TC-A813779

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RESUME



Name: STEVE LAWTON

Position: Project Construction Manager, Lighting / Interior Wiring Projects

Education and Training:

Journeyman Electrician: IBEW, San Diego; NECA Training Programs: Safety Training: OSHA Confined Space Entry-Competent Person; OSHA Trench Excavation and Shoring-Competent Person; OSHA CPR and First-Aid Certification for Construction; OSHA 30 Hour Safety Training Certification.

Mr. Lawton has 18 years of experience as a certified electrician. He has worked at Southern for seven years. His technical background included streetlight programs, underground and exposed conduit installation, switchgear installation, and field procurement. Over the course of his career he has been expanding his supervisory role, where he now runs all streetlight projects for Southern.

Recent Project History:

- **Broad Spectrum Induction Street Light Replacement Project.** City of San Diego. **Project Construction Manager.** \$16.05 million. Converted 34,600 streetlights to induction technology using the design-build process. Completed: Winter, 2013.
- **EnLighten San Diego Decorative Post Top Project.** City of San Diego. **Project / Construction Manager.** \$5.2 million. Converted 3,000 decorative post top lights in downtown San Diego to new 86 watt decorative post top lights. This design-build project also provided 3,600 GE Light Grid adaptive control nodes, providing system monitoring and dimming control. Provided design, installation, system commissioning and training.
- **LED Street Light Replacement Project.** City of Oceanside. **Project Construction Manager.** Specification development and installation of 7,703 70W to 400W HPS luminaires with LED luminaires across the City under California's "piggyback" provisions using the design-build process. Installed and commissioned GE Light Grid Adaptive Controls System, first full city deployment of this lighting controls technology in the U.S.
- **LED Street Light Replacement Project, Phases One and Two.** City of Chula Vista. **Phase One - -General Foreman, Phase Two – Project Construction Manager.** Financed with a low interest CEC loan, producing a payback of less than nine years. Project valued at \$4.65 million. Design-build project. Completed May, 2013.
- **LED Post Top Retrofit Project.** City of San Marcos. **Project Construction Manager.** Conversion of 2,254 roadway and residential lights from LPS to LED. Design-build services provided under piggyback provisions of the City of San Diego Post Top Project. \$1,002,000

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Name : Jeff Leavitt

Position : Superintendent / Safety officer

Training & Certifications:

DIR Journeyman inside wireman, EM 385, OSHA 30, Confined space entry- competent person, Trenching excavation and shoring-competent person, Fall protection-competent person, CPR/First aid, NFPA 70E, LOTO, Heat illness prevention, Global harmonized system, Acceptance testing technician, Boom, Scissor, and rough terrain fork lift.

Jeff Leavitt has over 20 years of electrical construction experience in electrical power distribution systems, LEEDS/Title 24 lighting compliance, data/communications, DDC controls.

As field superintendent Mr. Leavitt's responsibilities include: Provide a healthy work environment for all employees and to abide by all federal, state, and local regulations, as they pertain to our operations. Carry out and enforce our Injury & Illness Prevention Program. Give due consideration to safety factors during pre-job planning, with any unique or unusual safety problems. Effect an attitude that safety is important.

Mr. Leavitt's superintendent experience in the electrical construction industry include the following typical projects: Water and wastewater treatment plants, PV solar, Substations, Co-generation, Utility and privet, Military projects, Shopping center /Big box stores, Malls and School modernization projects.

- Corona/Norco Unified School District electrical power distribution, Fire Alarm, Voice/data modernization projects. \$350,000 Reference Mr. Aaron Whitwer 619-247-4817
- NAVFAC 1.5 megawatt substations and led lighting retrofit. \$4.1 Millon
- NAVFAC chiller plant change out.
- Johnson & Johnson labs modernization.



LASER ELECTRIC, INC. 2250 MICRO PLACE, SUITE 200 ESCONDIDO, CALIFORNIA 92029

760.658.6626

CA LIC #C10-513888

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- LAUSD Oak Middle School electrical power distribution, fire alarm, voice/data Modernization, \$3.8 million Reference Mr. Aaron Whitwer 619-247-4817
- Los Alamitos compressed natural gas station \$550,000 Reference Mr. Aaron Whitwer 619-247-4817
- Beaumont High School 600,000 watt PV project, \$880,000 Reference Andrew Agopian 310-592-5469
- Iron Mountain data storage back up generation



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760.658.6626

CA LIC #C10-513888

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RESUME

Name: Robert M. Pangonis
Position: Project Manager, Solar PV



Mr. Pangonis has over 34 years of direct relevant project experience in the construction of electrical systems, data/communication, security, fire alarm and PV systems. He owned and operated 2 electrical construction companies in Las Vegas, NV for over 17 years. He successfully sold each business before moving back to the San Diego area.

Mr. Pangonis is directly responsible for the overall project items and activities to include: Estimating and Management of the associated Electrical, Security and Communication installations; Procure and management of related subcontracts and purchase orders; Establish and maintain cost resources for progress payments; Develop the baseline resource loading for labor, equipment, and materials related to the project construction schedule; Determine the defined scope inclusions and limitations; Maintain open communications and relations with the Owner / Designer / Engineer / and Other Contractors; Coordinate related Electrical, Security and Communication installations; Maintain and manage the established contract budget; Cost estimating; Contract Management; Maintain Quality Control; and Overall Project Accountability.

Major Project History:

- **Substation Below Grade Construction Master Agreement**, San Diego Gas & Electric, Various Location, \$9,000,000
- **Meter Panel Overhead to Underground Conversion**, San Diego Gas & Electric, Various Location, \$21,000,000
- **Ongoing Maint. Agreement Conduit Dry Utilities/Lineman Maintenance Contract**, City of Riverside, Various Locations Riverside, CA, \$500,000
- **City of Chula Vista PV Phase I**, Chula Vista, CA. - \$3.2 Million. 790kW PV Installation.
- **Las Vegas Nature Preserve**, Las Vegas, NV. - \$3.7 Million. Over 4 miles of Electrical & Communication conduits for future expansions.
- **Anthem Hills Park**, Henderson, NV. - \$3.1 Million. Electrical for City Park.
- **Las Vegas Motor Speedway**, Las Vegas, NV. - \$22 Million. Design/Build Electrical, Security & Communication for Speedway & Office Complex.
- **Buffalo Bills Hotel/Casino**, Primm, NV. - \$13 Million. Design/Build Electrical, Security, Fire Alarm & Communications for Hotel & Casino.

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- **Mesquite Jacks Hotel/Casino.** Mesquite, NV. \$7.6 Million. Design/Build Electrical, Security, Fire Alarm & Communications for Hotel & Casino.
- **Primmadonna Hotel/Casino Expansion,** Primm, NV. - \$3.8 Million. Remodel and Expansion of both the Hotel & Casino Floor.
- **Dillard's Department Store,** Henderson, NV. – \$2 Million. New construction of store at Galleria Shopping Center.
- **Stephanie Street Promenade,** Henderson, NV. - \$2.3 Million - New Construction Shopping Center.
- **Stardust Hotel Renovation,** Las Vegas, NV, \$4.2 Million. Renovation of the Hotel Rooms, Electrical, Security, Fire Alarm & Communication Systems.
- **Shelby Enterprises,** Las Vegas, NV. – 2.5 Million. Design/Build Electrical, Security and Communication Systems for Shelby Automotive at the Las Vegas Motor Speedway.
- **Stratosphere Tower.** Las Vegas, NV. \$7 Million. Design/Build Electrical System for Tower.
- **San Diego Padres Club House Renovation. San Diego,** CA. \$1 Million. – Renovation of the Electrical and Communication Systems at the Stadium.

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James J. McClure
6654 Danville Ave
San Diego, CA 92120
(619) 741-7730



An accomplished management professional in the HVAC industry with twenty-seven years' experience in management, sales, HVAC service, and business development seeks an Executive Level position in a company that will provide challenges and growth potential. I am a proven leader and have successfully overseen the operation of a \$12,000,000.00 division that has consistently turned a profit. I bring a track record of success utilizing my management skills, along with my experience as an Operations Manager, Department Manager, Estimator, Project Manager, and a builder of business in the HVAC industry.

Experience

McClure Mechanical Systems, Inc.

7/2014 – Present: Partner, McClure Mechanical Systems, Inc., San Diego, CA

Launched a commercial HVAC projects company in July of 2014 and have grown to a \$2,500,000.00 per year operation. Multiple high profile projects completed including a \$275,000.00 project at Northrop Grumman in Rancho Bernardo that included 7 new split system and associated ductwork, relocated water source heat pumps, new fans, relocated condenser water piping, all new controls, and commissioning. Also completed was a \$23,000.00 project at SDSU for a new softball clubhouse, a \$91,000.00 project to replace two 60-ton dehumidifiers at MCRD, and a \$45,000.00 design build project at MCRD for replacement of 8 heaters, a \$700,000.00 project to upgrade the HVAC system for a lab space at SDSU. A successful track record of Tennant Improvement projects and Design/Build projects including the replacement of numerous HVAC units at Camp Moreno for NAB Coronado (\$110,000.00), the chiller plant serving NBSD B3281 Gun Line (\$192,500.00), the re-piping of the Grossmont Surgery Chiller plant including the addition of new pumps, VFD's, and DDC controls (\$194,875.00), and the ongoing overhaul of existing rooftop package units and DX split systems for Aurora Behavioral Health (\$451,715.00) to name a few. Our team is built of seasoned professionals with extensive experience in the commercial HVAC service and installation field.

Green Mechanical Contractors

7/2013 – 7/2014: Vice President of Service Division, Green Mechanical Contractors, Escondido, CA.

Oversee the development and growth of an existing commercial and residential Service Department. Develop a Special Projects Department. Directly involved in all aspects of the bidding and estimating responsibilities for Service repairs, Service Maintenance contracts, and all project related work. Tasked with the development of staff, the development of a Sales Department, and recruitment of staff. Involved in strategic planning for the company including financial reporting, AR, AP, P&L statements, managing departmental budgets, and safety.

Countywide Mechanical Systems 2001-2013

2010 – 2013: Vice President of Service and Special Projects, Countywide Mechanical Systems, Santee, CA.

Continued the development of the Special Projects Department to a projected revenue level of \$7,000,000.00 with several successful projects over \$1,000,000.00. I was instrumental in Design/Build projects up to \$1,500,000.00 in both the private and federal defense industry, as well as several successful state jobs. Also oversaw the operation of an HVAC and Plumbing Service Department. Directly involved in all aspects of the bidding and

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estimating responsibilities for Service repairs, Service Maintenance contracts, and all project related work Was involved in strategic planning for the company including financial reporting, AR, AP, P&L statements, managing departmental budgets, overseeing sales, project management, personnel decisions, and safety.

2006 – 2010: Vice President/Special Projects Department Manager, Countywide Mechanical Systems, Santee, CA. Developed a new Special Projects Department from the ground up. Oversaw the growth from a start up department to a revenue level of \$5,000,000.00. Was directly responsible to develop the field team, office support staff, business development, sales, project management, and quality control. Directly involved in all aspects of the bidding and estimating responsibilities for all project related work. Projects ranged from \$2,000.00 to \$700,000.00. Was also involved in the strategic planning for the company.

2001 – 2006: Branch Manager/ Service Manager, Countywide Mechanical Systems, El Cajon, CA. My responsibilities included management of all aspects of the HVAC Service Department, including supervision of the field crew. I was responsible for contract management and coordination of the field operations and office operations, assuring that all jobs are performed in a timely manner and within budget. I was responsible for job walks and the preparation of bids for both service contracts and retrofit projects. I developed and maintained relationships with customers, including building owners, Plant Managers, Property Managers, and General Managers. I planned and executed procedures to assure the steady growth of the company including short and long term plans and programs, industry relationships, and associations.

2000 – 2001: Service Manager, Weatherite Corporation, San Diego, CA. My responsibilities included the supervision and operation of all aspects of the Service Department of the San Diego Office of a \$15,000,000 per year Air Conditioning Company. The service and maintenance contracts that I have procured and/or managed have included accounts such as Ramona Unified School District, Target and Mervyn's stores, Jack-in-the-Box, and Dynamed

1997 - 2000: General Manager, San Diego Office of Ram Air Engineering, Inc., San Diego, CA Responsibilities included the supervision and operation of all aspects of the San Diego Office of a \$12,000,000 per year Air Conditioning Company. The service and maintenance contracts that I procured and/or managed included accounts such as Volume Services America and the San Diego Chargers at Qualcomm Stadium, NAVSTA MWR 32nd Street, and the City of San Diego.

1996 – 1997: Field Service Supervisor, ISS Energy Services, San Diego, CA
In addition to the below responsibilities as field service technician, I was responsible for supervising and maintaining a high level of quality service for a 15 man HVAC technician crew. It was my responsible to address all customer complaints. I also offered technical assistance to our service technicians.

1989 – 1996: Field Service Technician, R & H Mechanical, then ISS Energy Services, San Diego, CA

As a field service Technician, I was highly experienced in maintenance and repair of all reciprocating equipment including chillers up to 350 tons, built up system, whole-building systems, boxcar equipment, large package equipment and small package and split systems. Additionally, my experience includes walk in and reach in refrigeration, icemakers, glycol

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systems and low temperature freezers. Experienced in ice harvesters and thermal storage systems. Other experience includes pneumatic and DDC controls, hot water and steam boilers.

Certifications and Professional Activities

HVAC System Design courses, University of California, San Diego

MAP certified (Management Action Program), plus attended various MAP seminars.

Attended monthly MAP meetings for the past 3 years.

Business Certification program in Business Administration, University of California, San Diego

Seminars in time management, management, project management, sales, and organization

Universal Refrigeration Certificate

Multiple factory training certificates including Carrier Tech. 1, 2, and 4 training certificates,

Trane reciprocating chiller classes, Screw chiller class, Absorption chiller class, Liebert Certified,

ABB drives, Pneumatic controls, Honeywell boiler controls, Honeywell DDC, gas heating classes,

Daikin design class, Mitsubishi VRF.

Former member, BOMA (Building Owners and Managers Association)

Former member, San Diego Chamber of Commerce

Key Customers/Clients include:

Good and Roberts, LLC – General Contractor

Pacific Building Group – General Contractor

ADC Corporation – General Contractor

PCC Corporation – General Contractor

JP Weiman – General Contractor

Reno Contracting – General Contractor

Davis Reed – General Contractor

San Diego State University

Northrop Grumman

Marine Corps Recruiting Depot

Surgery Center of America

Aurora Behavioral Healthcare

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RESUME



Name: DEREK DAVIS

Position: Wireless Controls Commissioning Manager/Lighting Specifier, Superior Solutions Group LLC.

Education and Training:

Daintree Controlscope Certified,
BS in finance (University of South Florida)

Mr. Davis has 4 years of experience with the Daintree wireless controls system. He has commissioned over 10 million square feet of smart buildings. He maintains Elite VAR status with Daintree Networks, and is one of their most trusted commission agents.

Recent Project History:

- Quaker Warehouse Facility in Lancaster, TX. **VAR/Daintree Commissioning Agent**. Private project in 700,000 sq. ft. of warehouse and office space that included wireless control installation for both lighting and HVAC applications. Complete solutions with fixture and control specifications. Total controls/controls commissioning cost of 1.25 Million, with 85% reduction in energy consumption when compared to baseline facility in portfolio. Currently saving facility around \$22,000 in energy expenses.
- Universal Music Group in Los Angeles, CA. **VAR/Daintree Commissioning Agent**. Networked lighting and controls project in a 60,000 sq. ft. office setting. SSG responsible for complete wireless controls design and commissioning. Project was compliant with Title 24 Building Energy Code, with a controls cost of \$120,000.
- New York University in NY City, NY. **VAR/Daintree Commissioning Agent**. Series of projects around NYU campus with a controls cost of \$400,000. Multiple enterprise wide projects, networked wireless control design and commissioning for both educational and residential buildings.
- Winter Haven, FL. **Lighting Specifier**. Turn-key project management. New construction, with installation of LED lighting. 60,000 sq. ft. of space with a total project cost of \$250,000.
- Davenport University. Holland, MI. **Controls Specialist**. A series of full lighting controls projects consisting of office, classroom, library, and Gymnasium.
- Domino's Pizza, **Exterior Lighting Specifier** multiple locations.
- Cooper Standard, Goldsboro, NC. **LED Lighting and Controls Retrofit**: Resulted in over 50% savings. Increased lighting levels and exceeded all customer expectations, leading to further project opportunities within the organization.
- Gatorade Distribution Warehouse, Tolleson AZ. **Lighting and Controls Specifier**. 600,000 Square foot warehouse and office complex. Newest generation of wireless controls and LED lighting specified and commissioned. Project has realized a 1.5 year return on investment with over 85% reduction in energy spend compared to similar facilities in the Gatorade portfolio.

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MACC Contracts for Energy Conservation Measures and Building Retrofits
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Appendix 6

Relevant Subcontractor Experience

PAS' SUBCONTRACTOR EXPERIENCE MATRIX					
Project Title	Client	Scope	Contract \$ Value	Design/Build	Cx
SOUTHERN CONTRACTING					
EnLighten San Diego	City of San Diego	Design, Install and Commission 3,000 Post Top Lights with Adaptive Controls	\$5.2 million	Yes	Yes
Citywide LED Retrofit	City of Oceanside	Design, Install and Commission 7,761 Streetlights Lights with Adaptive Controls	\$5.1 million	Yes	Yes
Citywide Solar PV Project	City of Chula Vista	Designed, Installed and Commissioned 480 kW of Solar PV At 11 City facilities.	\$3.2 million	Yes	Yes
LASER ELECTRIC					
Camp Pendleton Lighting and HVAC Retrofit	EMCOR / US Dept. of Navy	Removed / Replaced 1,800 Interior Lights with 0-10v DC Dimming Controls	\$2.3 million	No	No
Outdoor Lighting Retrofit	American Asset Trust	Removed and replaced 300 exterior lights with new LED fixtures with wireless controls on 6 sites.	\$1.3 million	No	No
UCSD HVAC / VAV	University of California, San Diego	Removed and replaced existing HVAC equip. with new AHUs and VAVs within labs across the campus.	\$6.1 million	No	No
MCLURE MECHANICAL SYSTEMS					
North Life Sciences Vivarium Retrofit	San Diego State University	Upgrade mechanical systems using Accutrol Valves. DDC Controls tied into Campus DDC System.	\$673 thousand	No	Yes
MCRD Building 590 HVAC Retrofit	San Diego Gas & Electric	Replaced 7 rooftop package units w/new high-efficiency units. Incl. duct cleaning and air balancing	\$140 thousand	No	Yes
NBSD Building 3281 -- Gunline Chiller Plant Retrofit	Preferred Construction Company	Repalced chiller, prim./sec. pumps, and piping at Naval Base. Worked during holiday to minimize impact.	\$192 thousand	No	No
STANTEC					
Chapman University Health Science Renovation	Aday Architects	Electrical, technology and lighting design for converting 166,000 sf industrial space into new office, labs and classrooms at Graduate Health Science Campus	\$16 million	Yes	Yes
Mess Hall Expansion, MCRD, San Diego	R.A. Burch Construction	Technology and electrical design for a 50,000 sf renovation and 9,000 sf mess hall expansion. Included 200kW PV system. Lighting upgrades w/occ sensors and daylight controls.	\$20.6 million	Yes	Yes
Citywide LED Retrofit	Southern Contracting Company	Provided design for the LED Retrofit for 7,761 Streetlights Lights with Adaptive Controls	\$5.1 million	Yes	Yes
VANDERVEEN ENGINEERING CONSULTANTS, INC.					
Bachelor Office Quarters, P-802 and P-803	NAS, Lemoore, CA	Upgrade 2-pipe system to 4-pipe system wth upgraded central plant. New air chiller, water pump, VFD controls and new AHUs	\$4 million	No	Yes
SDSU Campus Center Apartments	Southdale, Inc.	New heat pumps for student units and a new central domestic water system. New U/G Parking ventilation. Compliant with ASHRAE 62.2 IAQ.	\$1 million	No	No
NBSD Classroom Upgrades	Cape Henry Associates / USN	Mechanical design for hpgraded HVAC units, DDC controls.	\$4 million	Yes	Yes

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PAS' SUBCONTRACTOR EXPERIENCE MATRIX					
Project Title	Client	Scope	Contract \$ Value	Design/Build	Cx
DRAKE INTEGRATIONS, LLC.					
18 Building Energy Investment Project	MCAS, Camp Pendleton, CA	Design for new HVAC, new LED fixtures, lighting controls, window film and DDC optimization.	\$4 million	No	Yes
Phase 21 DDC RCx for 71 Buildings	SDG&E / Camp Pendleton, CA	RCx of existing EMS, DDC controls and related systems (HVAC and lighting) for 71 buildings across the base.	\$293 thousand	No	Yes
DDC Repairs and Integration for 61 Buildings	Camp Pendleton Marine Base	Repair and upgrade existing DDC system in 61 buildings. New control sequencing for Demand Response, base-wide EM7V plan	\$3.3 million	Yes	RCx
SUPERIOR SOLUTIONS GROUP, LLC.					
Quaker Warehouse Facility	Pepsico	Upgraded 700,000 sf warehouse / office with new HVAC, lighting and lighting controls, achieving 85% energy reduction.	\$1.2 million	Yes	Yes
Office Energy Efficiency Upgrade	Universal Music Group	Designed and installed networked lighting controls in a 60,000 sf office setting. Title 24 compliant.	\$120 thousand	No	Yes
Campus-wide Energy Efficiency Upgrades	New York University, NY, NY	Designed, installed and commissioned wireless lighting controls for educational and residential buildings.	\$400 thousand	Yes	Yes

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Appendix 7

PAS Change Order History -- Projects Completed Within Last Three Years

Job Number	Job Name	Original Contract amount	Change orders	Contract amount including COs	Amount Completed 100%	Status	Contract type	% of CO	Reason for CO / Notes
10-001	Monterey Presidio	\$700,000		\$700,000	\$700,000	100%	Plans/Spec	0.0%	N/A
10-002	CDC Lemoore	\$98,000		\$98,000	\$98,000	100%	Plans/Spec	0.0%	N/A
10-003	SDSU Upgrade Servers for interface	\$11,932		\$11,932	\$11,932	100%	Design Build	0.0%	N/A
10-004	Santa Margarita Catholic HS	\$71,097		\$71,097	\$71,097	100%	Plans/Spec	0.0%	N/A
10-005	SDSU PLSR-R2, PLSH-MM8G	\$4,794		\$4,794	\$4,794	100%	Design Build	0.0%	N/A
10-006	Biomed Central Plant	\$13,780		\$13,780	\$13,780	100%	Plans/Spec	0.0%	N/A
11-001	Ultrastar Cinemas	\$35,595		\$35,595	\$35,595	100%	Plans/Spec	0.0%	N/A
11-002	SDSU Controller	\$336		\$336	\$336	100%	Design Build	0.0%	N/A
11-003	Building 116 NBSD	\$240,000		\$240,000	\$240,000	100%	Design Build	0.0%	N/A
11-004	SDSU NLS	\$5,611		\$5,611	\$5,611	100%	Design Build	0.0%	N/A
11-005	SDSU Service Contract 1	\$9,374		\$9,374	\$9,374	100%	Service	0.0%	N/A
11-006	March AFB Bld. 28	\$185,000		\$185,000	\$185,000	100%	Plans/Spec	0.0%	N/A
11-007	Council Chambers City of Murietta	\$403		\$403	\$403	100%	Design Build	0.0%	N/A
11-008	SDSU LHLS	\$12,800		\$12,800	\$12,800	100%	Design Build	0.0%	N/A
11-009	JACE Upgrade City of Murietta	\$418		\$418	\$418	100%	Service	0.0%	N/A
11-010	Ashford University	\$10,260		\$10,260	\$10,260	100%	Design Build	0.0%	N/A
11-011	SDSU Communication	\$73,485		\$73,485	\$73,485	100%	Plans/Spec	0.0%	N/A
11-012	Chiller Control Panel	\$4,500		\$4,500	\$4,500	100%	Design Build	0.0%	N/A
11-013	City of SD - Library	\$3,980		\$3,980	\$3,980	100%	Service	0.0%	N/A
11-014	P-129 Public Works Shop, Pt Loma	\$131,000		\$131,000	\$131,000	100%	Design Build	0.0%	N/A
11-015	Centerstone Tenants Billing	\$6,700		\$6,700	\$6,700	100%	Service	0.0%	N/A
11-016	Ashford 4th and 5th floor	\$4,500		\$4,500	\$4,500	100%	Design Build	0.0%	N/A
11-017	Hyatt Programming	\$315		\$315	\$315	100%	Service	0.0%	N/A
11-018	SDSU Miscellaneous	\$2,934		\$2,934	\$2,934	100%	Service	0.0%	N/A
11-019	SDSU Service Contract 2	\$56,245		\$56,245	\$56,245	100%	Service	0.0%	N/A
11-020	Batelle Controls	\$8,857		\$8,857	\$8,857	100%	Service	0.0%	N/A
11-021	LLC 29 Palms	\$158,765		\$158,765	\$158,765	100%	Design Build	0.0%	N/A
11-022	T&M Service Calls	\$3,976		\$3,976	\$3,976	100%	Service	0.0%	N/A
11-023	SDSU EBA Chiller Replacement	\$121,497		\$121,497	\$121,497	100%	Plans/Spec	0.0%	N/A
11-024	UCSD Pediatric	\$39,946		\$39,946	\$39,946	100%	Plans/Spec	0.0%	N/A
11-025	Little Mountain ES	\$117,148		\$117,148	\$117,148	100%	Plans/Spec	0.0%	N/A
11-026	P-107 29 Palms	\$182,579		\$182,579	\$182,579	100%	Design Build	0.0%	N/A
11-027	Repair Enlisted Dining Facility	\$207,000		\$207,000	\$207,000	100%	Design Build	0.0%	N/A
11-028	SDSU Miscellaneous	\$5,909		\$5,909	\$5,909	100%	Service	0.0%	N/A
11-029	Misc. Service Calls	\$4,734		\$4,734	\$4,734	100%	Service	0.0%	N/A
12-030	QOL-4 BEQ 29 Palms	\$1,086,939		\$1,086,939	\$1,086,939	100%	Design Build	0.0%	N/A
12-031	Glenboro Service Contract 1	\$10,960		\$10,960	\$10,960	100%	Service	0.0%	N/A
12-032	GIB FY-11 Monterey Presidio	\$620,000		\$620,000	\$620,000	100%	Plans/Spec	0.0%	N/A
12-033	Bld 1559 29 Palms	\$65,657		\$65,657	\$65,657	100%	Design Build	0.0%	N/A
12-034	MCC Creech AFB	\$378,794		\$378,794	\$378,794	100%	Design Build	0.0%	N/A
12-035	DHW Tanks Bld 1663 29 Palms	\$39,092		\$39,092	\$39,092	100%	Design Build	0.0%	N/A
12-036	P-915 & P-916 29 Palms	\$60,850		\$60,850	\$60,850	100%	Plans/Spec	0.0%	N/A
12-037	DO-3 SDGE AWEMIS Phase 1	\$341,212		\$341,212	\$341,212	100%	Design Build	0.0%	N/A -- Reference Project #2
13-037	DO-3 SDGE AWEMIS Phase 2	\$349,626		\$349,626	\$349,626	100%	Design Build	0.0%	N/A
14-037	DO-3 SDGE AWEMIS Phase 3	\$471,030		\$471,030	\$471,030	100%	Design Build	0.0%	N/A
12-038	CDC 29 Palms	\$268,000		\$268,000	\$268,000	100%	Design Build	0.0%	N/A
12-039	SDSU Bio-Science	\$47,500		\$47,500	\$47,500	100%	Plans/Spec	0.0%	N/A
12-040/41/42	County of SD IOC /3 FRC Energy Upgr	\$187,700		\$187,700	\$187,700	100%	Design Build	0.0%	N/A -- Reference Project #1
12-043	Helix Electric New Building	\$41,189		\$41,189	\$41,189	100%	Design Build	0.0%	N/A
12-044	SDSU Stern and Nassatir Hall	\$939,352	\$53,352	\$993,352	\$939,352	100%	Plans/Spec	5.7%	23% plans deficiency, 77% SDSU requested changes
12-045	P-636 Training Pool NAB-Coronado	\$48,825		\$48,825	\$48,825	100%	Design Build	0.0%	N/A
12-047	Admiral Baker Clubhouse NBSD	\$187,140		\$187,140	\$187,140	100%	Design Build	0.0%	N/A
12-048	Behavior Science VA Loma Linda	\$125,000		\$125,000	\$125,000	100%	Design Build	0.0%	N/A
13-049	Glenboro Service Contract	\$18,400		\$18,400	\$18,400	100%	Service	0.0%	N/A
13-050	BEQ Rambur Hall	\$511,344		\$511,344	\$511,344	100%	Design Build	0.0%	N/A
13-051	Misc. T&M 2013	\$12,250		\$12,250	\$12,250	100%	Service	0.0%	N/A
13-052	CACTF Camp Roberts	\$19,470		\$19,470	\$19,470	100%	Plans/Spec	0.0%	N/A
13-053	Bld 793 NASNI Coronado	\$16,200		\$16,200	\$16,200	100%	Design Build	0.0%	N/A
13-054	NEX Fleet Store NBSD	\$61,800		\$61,800	\$61,800	100%	Design Build	0.0%	N/A
13-055	BEQ Travis AFB	\$394,875		\$394,875	\$394,875	100%	Design Build	0.0%	N/A
13-056	CDC Murphy Canyon	\$125,600		\$125,600	\$125,600	100%	Design Build	0.0%	N/A

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Job Number	Job Name	Original Contract amount	Change orders	Contract amount including COs	Amount Completed 100%	Status	Contract type	% of CO	Reason for CO / Notes
13-057	Community Living Ctr VA Loma Linda	\$139,440		\$139,440	\$139,440	100%	Design Build	0.0%	N/A
13-058	Bld 62448 MCAS-CP	\$99,300		\$99,300	\$99,300	100%	Design Build	0.0%	N/A
13-059	Bld 24-25 Cal Poly Pomona	\$76,530	\$4,320	\$80,850	\$80,850	100%	Plans/Spec	5.3%	Added scope
13-061	P-103 29 Palms	\$13,024		\$13,024	\$13,024	100%	Design Build	0.0%	N/A
13-063	MCAS-CP Energy Upgrades	\$280,302		\$280,302	\$280,302	100%	Design Build	0.0%	N/A
13-064	Energy recommissioning NBSD	\$422,683		\$422,683	\$422,683	100%	Design Build	0.0%	N/A -- Reference Project #3
13-065	Bld 352 Fire Scout NASNI	\$14,547		\$14,547	\$14,547	100%	Plans/Spec	0.0%	N/A
13-069	P-500 LCS Training NBSD	\$1,178,367	\$22,736	\$1,201,103	\$1,201,103	100%	Design Build	1.9%	Owner (NAVFAC) added Scope of work
13-070	County of SD Niagara Integration	\$13,723		\$13,723	\$13,723	100%	Service	0.0%	N/A
14-071	VA Hospita LV ED Expansion	\$231,900	\$79,753	\$311,653	\$311,653	100%	Plans/Spec	25.6%	14% plans deficiency, 86% VA (Owner) requested changes
14-072	P-114 Double Hangar CP	\$268,900		\$268,900	\$268,900	100%	Design Build	0.0%	N/A
14-073	Van Nuys City Hall	\$29,073		\$29,073	\$29,073	100%	Design Build	0.0%	N/A
14-074	Misc. T&M 2014	\$97,509		\$97,509	\$97,509	100%	Service	0.0%	N/A
14-075	Dental Clinic Bld 3230 NBSD	\$469,300		\$469,300	\$469,300	100%	Design Build	0.0%	N/A
14-076	Lighting Controls Recommissioning CP	\$18,000		\$18,000	\$18,000	100%	Design Build	0.0%	N/A
14-079	Smart BAS - El Cjon FRC	\$14,934		\$14,934	\$14,934	100%	Design Build	0.0%	N/A
14-080	SDSU Zura Hall	\$455,887		\$455,887	\$455,887	100%	Design Build	0.0%	N/A
14-082	SDSU Chiller Critical Repair	\$660,000	\$60,265	\$720,265	\$720,265	100%	Plans/Spec	8.4%	18% plans deficiency, 82% SDSU requested changes
14-083	College of the Desert Bld E&T	\$20,283		\$20,283	\$20,283	100%	Service	0.0%	N/A
14-084	Building 3280 NBSD	\$25,950		\$25,950	\$25,950	100%	Plans/Spec	0.0%	N/A
14-085	Add Meters Channel Island	\$57,013		\$57,013	\$57,013	100%	Plans/Spec	0.0%	N/A
14-087	SPAWAR Bld 4	\$1,029,430	\$176,179	\$1,205,609	\$1,205,609	100%	Design Build	14.6%	Owner (NAVFAC) added equipment to Scope of work
14-088	BEQ Bld 302 NBPL	\$216,750		\$216,750	\$216,750	100%	Design Build	0.0%	N/A
14-089	COC Integration for SD County	\$65,820		\$65,820	\$65,820	100%	Design Build	0.0%	N/A
14-092	YPG Material Analysis Lab	\$112,787		\$112,787	\$112,787	100%	Design Build	0.0%	N/A
14-093	P-105 29 Palms	\$115,720		\$115,720	\$115,720	100%	Design Build	0.0%	N/A
14-094	Bld 218 Barstow	\$86,700		\$86,700	\$86,700	100%	Design Build	0.0%	N/A
14-095	SLS Camp Pendleton	\$12,595		\$12,595	\$12,595	100%	Service	0.0%	N/A
15-096	Misc. T&M 2015	\$45,708		\$45,708	\$45,708	100%	Service	0.0%	N/A
15-097	End of life HVAC Equipment	\$43,860		\$43,860	\$43,860	100%	Design Build	0.0%	N/A
15-098	P909 H-60S Training Simulator	\$62,605		\$62,605	\$62,605	100%	Design Build	0.0%	N/A
15-099	APCD DDC Upgrade	\$36,354		\$36,354	\$36,354	100%	Design Build	0.0%	N/A
15-103	CAC WRP & LSWDF	\$101,490		\$101,490	\$101,490	100%	Design Build	0.0%	N/A
15-105	Bld 3280 NBSD Phase 2	\$13,890		\$13,890	\$13,890	100%	Design Build	0.0%	N/A
15-106	Bld 2314 March AFB	\$137,340	\$3,897	\$141,237	\$141,237	103%	Design Build	2.8%	Owner (March AFB) added scope for energy metering
15-107	Auto Shop Bld 1333 29 Palms	\$84,270		\$84,270	\$84,270	100%	Design Build	0.0%	N/A
15-112	Edgemore Hospital Integration	\$49,800		\$49,800	\$49,800	100%	Design Build	0.0%	N/A
15-114	SD County Water Metering	\$39,540		\$39,540	\$39,540	100%	Design Build	0.0%	N/A
15-116	Grossmont Surgery Center	\$39,360		\$39,360	\$39,360	100%	Design Build	0.0%	N/A
15-117	SDSU Gateway	\$17,375		\$17,375	\$17,375	100%	Design Build	0.0%	N/A
				\$0					
Total		\$15,806,982	\$400,502	\$16,207,484	\$16,207,484				



CITY OF SAN DIEGO

Statement of Qualifications
RFQ No. 1485,
Multiple Award Design Build Contracts (MACC)
Energy Conservation Measures & Building Retrofits
Various City Facilities
Bid No. K-16-1485-MAC-3

August 2, 2016

1. Acknowledgement of Addenda
2. Identification of Design Builder
3. Exceptions to this RFQ
4. Executive Summary
5. Experience & Technical Competence
6. Proposed Method to Accomplish the Work
7. Knowledge & Understanding of Local Environment
8. Project Organization & Key Personnel
9. Equal Employment & Contracting Information
10. Financial Information & Arrangements **SECTION NOT APPLICABLE**
11. Change Order & Litigation History

SOQ Contact:

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Addenda Acknowledgement

August 2, 2016

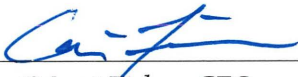
The undersigned certifies that WCA is in receipt of the following Addenda as pertains to The City of San Diego, RFQ No. 1485 Multiple Award Design Build Contracts (MACC) For Energy Conservation Measures & Building Retrofits at Various City Facilities due July 12, 2016.

Addendum #1 dated June 29, 2016

Addendum #2 dated July 5, 2016

Addendum #3 dated July 7, 2016

Addendum #4 dated July 21, 2016



Colin "Matt" Fisher, CEO

West Coast Air Conditioning, Inc.

Identification of Proposer

Legal Name & Address: **West Coast Air Conditioning Co., Inc.**
***Main Office & San Diego Location* 1155 Pioneer Way, Suite 101, El Cajon, CA 92020

Telephone: (619) 561-8000

Fax: (619) 561-3743

Website: www.wcac.com

Legal Form of Company: California C-Corporation License #588551
David A. Dudley, Chairman of the Board
Colin M. Fisher (Matt), CEO/Secretary
James M. Clower, CFO/President

Established: November 1962, Incorporated 12-31-69

Subsidiary Information: Not Applicable

Name and Email of Main Contact: Colin "Matt" Fisher, CEO
mfisher@wcac.com
(619) 561-8000

San Diego County Employees: 140

San Diego Business License: License #B1976019252FB74R
Expiration 7/31/16

State Contractors License: License #262349
A—General Engineering, B—General Building,
C-4—Boiler, Hot Water Heating & Steam Fitting, C-10—Electrical,
C-20—Warm Air Heating, Ventilating & Air Conditioning,
C-36—Plumbing, C-43—Sheet Metal, C-51—Structural Steel
ASB—Asbestos

Professional Engineering License: DEC Engineers
Chris D. Deck License # CA030087
Expiration 9/30/16

SOQ Contact: Rachael Gonzalez, Director of Business Development
1155 Pioneer Way, Suite 101, El Cajon, CA 92020
P. 619-561-8000 F. 619-561-3743
rlgonzalez@wcac.com





**MORROW-
MEADOWS
CORPORATION**

Electrical/Datacom Contractors and Engineers
13000 Kirkham Way, Poway, CA 92064
Tel: 858.974.3650 / Fax: 858.974.3660
License No. 230813-C10

Celebrating 50 years

7/13/2016

Morrow Meadows Corporation
Incorporated in 1964

Corporate Headquarters
231 Benton Court, City of Industry, CA 91789

San Diego County Office
13000 Kirkham Way, Poway, CA 92064

Contact Info:
Martin Frischknecht, Director of Pre-Construction,
mfrischknecht@morrow-meadows.com, 858-218-7816

Number of employees in San Diego County – 345

City of San Diego License (see attached)
State Contractors License (see attached)
Current DIR (see attached)
Professional Engineering License # E15006 expires Jun 2017.
Morrow Meadows is a certified WBE contractor (see attached)

Morrow Meadows is a signatory IBEW L.U. #569 Electrical contractor
All of our Electricians are CA State Certified
We have (6) six CATCTP graduates on staff
All of our apprentices go through a State Certified, joint IBEW / JATC 5-year training program

Morrow Meadows will be providing all Electrical scopes of work for (Div. 26.) as well as low Voltage (Div. 27) and controls (Div. 25). We will provide any necessary Electrical Engineering utilizing our in-house Electrical Engineers.

We have recently completed a lighting retrofit at Steel Canyon HS and are currently working on Energy Upgrades at four (4) National City schools over the 2016 summer break.

Thank you,
Martin Frischknecht
Pre-Construction Director

**BOARD OF PUBLIC WORKS
MEMBERS**

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CITY OF LOS ANGELES
CALIFORNIA



ANTONIO R. VILLARAIGOSA
MAYOR

JOHN L. REAMER, JR.
Inspector of Public Works
and
Director

**BUREAU OF
CONTRACT ADMINISTRATION
Office of Contract Compliance**
1149 S. BROADWAY, SUITE 300
LOS ANGELES, CA 90015
(213) 847-1922

<http://bca.lacity.org>

May 13, 2013

Ms. Karen V Price
Morrow-Meadows Corporation
231 Benton Court,
City of Industry, CA 91789

RE: STATUS OF WOMEN BUSINESS ENTERPRISE (WBE) CERTIFICATION
File No. - 8795

Dear Ms. Price:

The Bureau of Contract Administration, Office of Contract Compliance has implemented a change to the City of Los Angeles MBE/WBE Certification Rules and Regulations; certifications will remain valid beyond the period indicated in the issued certification approval letters. A firm shall remain certified unless and until its certification is removed for cause.

The City reserves the right to request additional information and/or conduct on-site visits at any time during the certification period to verify any documentation submitted with your application. If there are any changes in your firm's name, address, ownership, control, or work category, you are still required to notify this office of those changes in writing. Please include your file number on each page of correspondence relating to these matters.

Your certification status can be verified in the City of Los Angeles DBE/MBE/WBE database at <http://bca.lacity.org> or by calling our office at (213) 847-2684.

If you have any questions regarding this matter, please contact the Centralized Certification Administration at (213) 847-2684.

AN EQUAL OPPORTUNITY- AFFIRMATIVE ACTION EMPLOYER

ATTACHMENT C

CERTIFICATION OF EXCEPTIONS TO THE REQUEST FOR QUALIFICATIONS DOCUMENT

The undersigned, a duly authorized representative of West Coast Air Conditioning Co., Inc.
(Company Name)

hereby stipulates that West Coast Air Conditioning Co., Inc. takes no exceptions to this
(Company Name)

Request for Qualifications and its attachments as referenced in this RFQ.



Authorized Representative

August 2, 2016
Date

Colin "Matt" Fisher, CEO
Authorized Representative's Title

West Coast Air Conditioning Co., Inc.
Company

OR

The undersigned, a duly authorized representative of _____
(Company Name)

hereby stipulates that _____ takes the following exceptions
(Company Name)

to this Request for Qualifications and its attachments as referenced in this RFQ.

Authorized Representative

Date

Authorized Representative's Title

Company

August 2, 2016

Ms. Clementina Giordano
Contracts Specialist
The City of San Diego

Ms. Giordano,,

Thank you to you and your team for showing interest in West Coast Air (WCA) as your Design Build Contractor. WCA is pleased to submit our team qualifications for your Energy Conservation Measures and Building Retrofit Projects.

Our qualifications will show that our fifty-three years of experience specializing in the design and construction of energy retrofits will bring extraordinary capabilities and knowledge to insure that your project is completed on time, within budget and satisfying all of the City's energy conservation needs.

West Coast Air and our Design Build partner, DEC Engineering, are committed to providing an exceptional team that will work with the City to meet and exceed project quality and schedule expectations. As Corporate Principal and CEO of West Coast Air I will serve to support day to day operation of your projects along side Chris Deck who is our Engineering Partner from DEC Engineering. Chris and I have extensive experience working together to deliver facilities such as yours with a well managed professional approach.

In addition, Morrow Meadows Corporation will be our Electrical Engineering, Controls & Low Voltage partner. Morrow Meadows has extensive experience working within the City System of Government. They will work along side WCA's Design Manager, Jonathan Lundstrom and our Project Manager, Scott Golueke throughout all phases of your projects. Scott Golueke will be your liaison throughout the duration of your projects and responsible for all project scheduling, subcontracting and general progress. Jerry Johnson will be your project Superintendent responsible for all day to day duties on site, two week look ahead schedules and coordination with facilities staff.

The WCA/DEC/Morrow Meadows team has demonstrated in the past how proper teamwork can safely complete complicated projects on schedule, while maintaining productive and enjoyable working conditions. We feel that our experience in design and construction of energy efficient upgrades can be utilized to provide the City with completed projects within budget, on time, and most importantly, leaving facilities comprising modern technology and systems that will assist in your day to day energy operations for many years to come.

Our home office is located in El Cajon, CA. We have field and office staff of more than one hundred with roughly 75% of them being with WCA well over ten years. We have key personnel and ownership centrally located to respond to project needs within minutes, 24/7.

Our commitment to your project will provide a team approach from the first day of pre-construction through the successful construction and commissioning efforts.

Our team thanks you for your consideration. We look forward to the possibility of working with you. Our Design Build team is very pleased to submit our qualifications and we would welcome an invitation to present our approach in person, sharing with you our methodology for successful completion of your projects.

Please do not hesitate to contact me with any questions or requests for further information.

Respectfully,



Matt Fisher, CEO
Mfisher@wcac.com

Experience & Technical Competence

Design Build Energy Projects

(Similar Projects RFQ Criteria)

Name of Owner, Project Title, Contact Name & Phone	Contract Value Description	Completion or Finish Date
Corona Norco Unified School District Roosevelt & Santiago High Schools Ted Rozzi (951) 736-5045	\$ 1,332,388 Pre-Construction Services & HVAC Change Outs	July 2015
Lakeside Union School District Tierra Del Sol Middle School Todd Owens (619) 390-2680	\$ 3,881,275 HVAC Replacement/Architectural Enhancements/Day Lighting Lease-Leaseback	August 2013
Alpine Union School District 5 Schools Rob Turner (619) 445-3236	\$ 2,962,415 HVAC Replacement Lighting Retrofit Solar Installation	December 2011
City San Diego Replace Boilers Lorie Cosio-Azar (858) 627-3352	\$ 939,600 Energy Retrofit	December 2011

34 Energy Projects
Totaling \$ 115 Million
Completed in the last 5 Years

ALL COMPLETED ON SCHEDULE

***** complete listing available upon request *****

Team Profile

2.5.2.1. Experience with lighting energy retrofits.

\$ 6.8 Million in Lighting Retrofit Projects over the past 5 Years.

2.5.2.2. Experience with HVAC energy retrofits.

The process of successfully performing a retrofit or system addition on existing structures begins with proper research and a full understanding of the existing conditions that are present at each situation. Thru our years of experience, we have established an extensive list and sequence of issues to address in the Design and Implementation of these type of projects

2.5.2.3. Experience with networked lighting and HVAC controls.

\$ 6 Million in Networked Lighting and HVAC Controls over the past 5 Years.

2.5.2.4. Experience managing deep energy efficiency projects in occupied buildings and staffing and scheduling approach.

Currently constructing a \$ 59 Million Design Build Project for The County Of Orange utilizing strategies and methods derived from our 53 years of experience delivering deep energy efficient projects while maintaining full operation of a functioning county facility.

County of Orange	\$59,164,835	Completion: August 2017
CUF Infrastructure Upgrade	District Cooling Plant Enhancement	
Barbara Tidball	(714) 667-4929	

2.5.2.5. Number of facilities designed and built pursuant to a design-build contract.

37 Design Build Contracts Completed or Underway within the last 5 Years.

2.5.2.6. Record of timely completion

&

2.5.2.7. Number of design-build projects performed as compared to the number completed on schedule.

34 Energy Projects Completed in the last 5 Years, Totaling \$ 115 Million.

ALL COMPLETED ON SCHEDULE

2.5.2.8. Experience with Photovoltaic Evaluation & Installation.

5 Successful Projects within the last 5 Years

Team History

WCA is committed to providing an exceptional team that will work with the City to meet and exceed project quality and schedule expectations. We employ approximately 140 individuals company wide, all ready to provide our clients with the services required to deliver well managed construction projects on budget and within schedule.

The WCA Design Build team being offered for the City of San Diego Energy Conservation Measures and Building Retrofit Projects has been working together for 20 years on design build and design assist endeavors such as those proposed.

This team has successfully completed numerous energy savings and performance contracts, ranging from simple HVAC change-outs to complete modernizations, new construction, retrofits, photovoltaic, and energy reduction projects. Our history and expertise is immense in regards to the Cities proposed projects. We feel we have put together a Design Build team that will exceed expectations. This team consists of all *local San Diego firms* ready and equipped to ensure successful design and implementation of your projects.



Our Mechanical Engineering partner, DEC Engineering, Inc., will serve as the design leader. DEC employs in house Professional Registered Engineers, Certified Commissioning Agents and LEED Accredited Professionals. DEC is a proven industry leader in energy conservation and innovative design for hundreds of clients across the state. They are a full-service mechanical engineering firm providing services for new systems and renovation / retrofit of existing facilities. They are experienced in virtually every facet of the discipline, from planning studies to detailed design of small and large mechanical systems, related controls, and auxiliaries.



Our Electrical Contracting partner, Morrow-Meadows Corporation, will provide the electrical portions of work for Division 26 as well as Division 27 Low Voltage and Division 25 Controls. Privately held, the company is well into its second generation of family ownership and continues to experience phenomenal growth. The unique ownership of such a large company enables it to provide the flexibility its demanding customers expect. They specialize in 24-hour service calls, lighting maintenance, programmable controls, data communications, and, of course, the large commercial and industrial projects for which it is so well known. In an industry where companies have an average life expectancy of three years, there is a simple explanation for the phenomenal growth and longevity that Morrow-Meadows enjoys: since its inception, the company has based its entire operating strategy on one basic principle—*treat people fairly*.

west coast Air

The main strength this team provides, and the reason we have a 100% success rate in completing projects on time and within budget, is our ability to work together thru constant communication and having open minds to reviewing various strategies to accomplish the tasks necessary. This open minded approach is critical on some of the Cities aging building, where standard details, used by engineers on new construction, do not aptly satisfy an existing condition. Our engineers all understand that our common goal is the finished product, and are willing to spend the additional time necessary to accurately depict the existing conditions and develop details that can be constructed economically.

Proposed Method

Design Phase

General: The design phase in any design build enterprise is and should be a collaborative effort between the design team (consultant) and the construction team (contractor). The relationship between the two principle parties should be one of familiarity, compromise, and respect as well as imagination and willingness to explore alternative means and methods to enhance the teams approach to resolve unique and one off challenges presented by the individual projects and to meet the criteria of the owner and client as presented. West Coast Air Conditioning and DEC Engineers have successfully collaborated on many design-build contracts in the past in the commercial, educational, institutional, and military marketplaces. Certain activities and events that occur on every design build project are outlined here after.

Concept Review: The project criteria is reviewed and evaluated as a team. Ideas and solutions are brought forth in a design charrette. Each solution set is evaluated for applicability, budget constraint, and constructability. The solution that best meets the criteria as set forth is proposed for further development during the schematic design phase.

Design: The design process will include milestones for a level of completion of documentation for scope narratives, drawings and specifications. The traditional milestone model is Schematic Design (35% complete), Design Development (65% complete) and Construction Documents (100% complete). At each of these levels of design completion, all documents will be presented for design review to the owner and the design team quality control teams for evaluation. The QC teams will measure the solutions applied to ensure they meet the criteria established for the design at the beginning of the project. In addition, “real time” review of a project will be made available to any member of the project team, including the owner, by keeping the activities of the design team on an active web site during the development of documents.

Value Engineering-Constructability Review: During the design phase, the construction team will meet with the design team on a regular basis to review the drawings and specifications for constructability. The plans and specifications will be reviewed by a superintendent level and foreman level field person with specific experience in the type of work. During these reviews, ideas will be considered and incorporated to maintain the budget while enhancing the system integrity. Recommendations that do not keep the end product at the expected level of quality the project budget can afford will not be considered. In other words, changes will not be made to enhance the profitability of the contractor when the manufacturing practice is not in keeping with normal or good industry standard. The reviews will be documented and reports generated.

As-Built Verification of Existing Conditions: The success of the project construction phase will be enhanced with the effort of effectively documenting existing conditions during the design phase. Where appropriate this will be done using a laser imaging system. The result will be an accurate 3-D model of the existing conditions.

Budget Management: During the development of the design, WCAC will provide construction cost estimates at the project milestones as indicated above (100% Schematic, 100% Design Development, and 95% Construction Documents). In addition, the design will be monitored by the WCAC Design Manager and Project Manager. Design strategies that are presented that impact the budget during the progress/development of the design will be identified on a Design Issues Log. The issues will be addressed by the design build team and a resolution will be decided upon to maintain the project scope will keep the project within budget.

Construction Phase

Planning: During the design phase near the final completion of drawings WCAC will begin the construction phase of the project with a series of planning sessions. These sessions will include the superintendent and foreman for each trade along with the project manager. The engineer will be consulted through an RFI process to assist the installers when questions arise. During these planning sessions all aspects of the project will be reviewed, including means and methods to be used, shop fabrication tasks/activities, field fabrication tasks/activities, sequence of tasks in the field, coordination of different trade activities in the field, and opportunities for project enhancement.

Permit/Owner Approval: At the conclusion of the planning process the construction plan will be presented to the owner for acceptance. Work will not begin without approval.

Construction: Project construction activities will be individually identified by trade. Each trade activity will be scheduled, coordinated with other trades, and an execution plan developed. The plan will be used as the road map throughout the project to assess priorities, critical path activities, assess progress, and assist to resolve field conflicts and issues.

Trade Coordination: All trades will be expected to participate in the planning process prior to the commencement of work to ensure each trade has a clear understanding of their scope, and how their trade interacts with other trades during the project. While the trade is on site the trade foreman will meet daily with the WCAC project superintendent to coordinate the daily activities expected for that day. They will sign in all personnel on site each day, provide daily reports, and participate in weekly foreman construction meetings during their scheduled time on site.

Scheduling: WCAC will create a schedule. The schedule will be updated on a monthly basis coinciding with the monthly progress payments. Schedule activities will be from issuance of notice to proceed all the way through commissioning and final closeout with all major milestones clearly defined.

Challenges/Resolutions: The project planning will make identification of challenges and resolutions an “upfront” activity for the team. With the proper support of the team members participating fully from the beginning, the challenges associated with the project will be resolved on paper rather than in the field. This will assist in both cost control and schedule control. When (not if) challenges occur during construction, the issues will be managed and addressed through the use of an Issues Log. The log will be maintained by the project manager and reviewed in the regular construction meeting. Ownership of the issues will be assigned and resolution presented and agreed upon for all issues. All changes from design will be identified on record drawings for closeout. When necessary the engineer will be involved through the RFI process.

Quality Control: There will be a WCAC and a DEC Engineers designated quality control person identified. They will be responsible for review of drawings and specifications at milestone dates during the design. Once construction has begun they will be on site on a regular basis to review the progress and installation quality of the work. Reports will be written for each of their visits. Any deficiencies in workmanship will be identified and a corrective action plan presented for fixing the immediate concern and also for ensuring the issue of concern is not repeated on the project.

Project Safety: Throughout the entire project, WCAC's highest priority is to the safety of workers, Owner's staff and the general public. Safety is a culture that we are proud of at WCAC. Employees and management staff are trained and constantly reminded that safety is the first consideration for each and every activity. Safety plans, reviews and meetings will occur regularly and before any new activity at the project. Activities involving close proximity to the public will be reviewed for safety from concept to implementation to close out of the activity.

Plan Check Approval: Permitting for construction will be through the appropriate agencies that have jurisdiction, including the local fire agency that has firefighting obligations at the project site.

Knowledge & Understanding of Local Environment

West Coast Air Conditioning Co., Inc. is a licensed General and Mechanical Contractor. We have been contracting as a San Diego based company since 1962. Working from our main office located in El Cajon, West Coast Air provides construction services throughout Southern California with an office staff of fourteen and an average of one hundred forty field crew. Trades typically performed with “in-house” resources include:

Grading	Concrete	Framing	Structural Steel	Misc. Metals
Plumbing	Pipe Fitting	HVAC	Rigging & Hoisting	

Pre-fabrication of structural steel, miscellaneous steel, piping and ductwork is performed at our 53,000 sq. ft. facility in El Cajon.

Presently we are much more than an HVAC company. General Construction, Construction Management, Lease-Lease Back, Energy Reduction, and Design Build Contracts are all part of our offerings with the vast majority contracted with public agencies.

Although contract means have changed, several constants remain with our philosophy and business model.

- There is a Principal in charge of every project West Coast Air performs.
- We are builders, not brokers. We self-perform multiple trades. All three Principals come from the trades.
- We are problem solvers, not litigators. We’ve only been in litigation with two Owners in our 53 years history of constructing public work.
- We maintain long-term employees. Most of our team have been employed with WCA a minimum of ten years.
- We address each project with honesty, integrity, and professionalism.

We don’t try to be everything to every Owner. We have realized that we are good at certain tasks and focus our efforts within these boundaries. Since our goal is not to be the biggest or most diversified contracting company in the nation, we can remain a firm that addresses Owner’s needs providing benefit from our Principal’s dedication and commitment to assure a smooth evolution of design through construction, start-up and operation.

Being a San Diego based contractor for such an extensive time period, we are extremely familiar with City of San Diego and other local agency regulations and policies, local building codes, local utility incentive programs, and familiar with local design criteria and related issues. Utilizing the principals discussed we intend to serve the City in the ultimate capacity as a LOCAL CONTRACTOR with many, many years of LOCAL EXPERIENCE.

CITY OF SAN DIEGO DESIGN BUILD TEAM



Chief Mechanical
Engineer
Chris Deck, PE




Project Manager
Scott Golueke

west coast Air
Project
Executive
Matt Fisher

Design Phase
Manager
Jonathan
Lundstrom, PE

Superintendent
Jerry Johnson

Electrical Engineer
Low Voltage
Controls
Morrow Meadows
Corporation



As-Built

Vendors

Subs

Matt Fisher, CEO

Project Executive

Role on project: Executive in Charge of Construction
Review of Design Intent, Scheduling & Phasing
Perform All Estimating
Procurement of Major Equipment

Experience Summary

Matt Fisher has over 31 years of construction experience and has been with West Coast Air since 1985. Over the past 10 years Matt has managed projects totaling in excess of \$300 million. The majority of those projects have been phased occupied facilities.

As your Project Executive in Charge, Matt's role will include overall review of projects to ensure all aspects of the construction process remain on track. He will supervise and is directly responsible for the entire construction process from design and preconstruction through building implementation to post construction, close-out and final completion. He creates and manages the schedule; ensures the observance of safety procedures by all workers on the site; is the first layer of onsite quality assurance; and maintains daily communication and coordination with the entire project team.

Matt has an excellent record of working well with Owners and completing quality projects on schedule with a minimum amount of disruption to on site occupants.

Matt became a Partner of WCA in March, 2006 and CEO of the company in 2015.

Partial Project Experience:

San Diego State University Main Chiller Plant Critical Repairs
Kyocera America Replace Cogen/Central Plant
John Wayne Airport Central Plant
Orange County Cogeneration Plant
Chuckawalla Valley State Prison Central Plant
Naval Medical Center Cogen Facility
29 Palms Marine Base 7.5 MW Cogen
29 Palms Marine Base Chilled Water Plants
PG&E – Escondido 49 MW Peaker Plant
PG&E – Chula Vista 49 MW Peaker Plant

Registrations:

California contracting license numbers 262349 & 977643

Scott Golueke

Project Manager/Quality Control

Role on project: Manage Day to Day Activities
Constructability Reviews
Communication with all Team Members, Owner & Facility Representatives
Coordination of Deliveries
Facilitate & Control City of San Diego Specific Documents
Documentation of all Project Activities, RFI's, Submittals, Testing & Commissioning

Experience Summary:

Scott has been with West Coast Air for 15 years and has worked on multiple projects involving critical facilities and central plant work.

As your Project Manager, Scott is in charge of all day to day construction administration responsibilities including direct contact with the owner, architect and all sub-contractors. Scott will work with WCA's in house safety officer, Lance Taylor, to ensure that the City of San Diego Projects are safe for all staff, students and trade workers. He will create and maintain the schedule; review owner changes for constructability and cost estimates; review and implement field changes; and bring value saving suggestions to the team for assessment.

Scott will oversee quality control aspects of the project as well as working with the commissioning agent to schedule and arrange all testing and documentation necessary.

Scott has an excellent record of providing constructability review comments for project challenges that have in the past created savings to our clients. His professional approach and construction experience bring value to the entire project team.

Partial Project Experience:

San Diego State University Main Chiller Plant Critical Repairs
County of Orange – Data Center HVAC Upgrades
County of Orange – CUF to Campus Metering
County of Orange – Replace Feed Water Pumps
City of San Diego – Boiler Replacement
Kyocera – New Co-Generation Plant
MCRD - New Central Plant
John Wayne Airport - New Central Plant
County of Orange Co-generation Plant - Central Utility Facility Conversion Project 10.4 MW
Chuckawalla Valley State Prison - Upgrade Central Plant & Pipe Loop
Irvine Valley College - Co-generation/Central Plant 1.8 mw
Balboa Naval Medical Center - Co-generation Plant 6 mw
Salk Institute - Stem Cell Research Lab
Salk Institute - Primate Lab Retrofit & Tenant Improvement
Salk Institute - North Building Floors 3 & 6 Retrofit & Tenant Improvement

Jonathan Lundstrom, PE

Design Phase Manager

Role on project: Oversee all aspects of Design and Construction Engineering

Experience Summary

As a registered mechanical professional engineer, Mr. Lundstrom has been involved with the design and construction industry for over 35 years filling various roles. Projects worked on include a variety of markets, sizes, and functions; most notably, industrial clean rooms, bio-pharmaceutical clean rooms, bio-pharmaceutical GMP facilities, higher education facilities, K through 12 schools, bio-pharmaceutical research laboratories, commercial buildings, and various types of housing. The markets have included industrial, commercial, military, and institutional.

By way of his experience, Mr. Lundstrom is capable of supporting projects through design activities including concept evaluations, constructability reviews, code reviews, sustainability reviews (LEED and energy), quality and assurance (QA) reviews, and pre-construction support for the design activities of design-bid-build, design-assist, and design-build delivery models. He is capable of providing conceptual designs and analyses for building mechanical systems (HVAC air side, HVAC water side, and plumbing), project budgets, project estimates, and pre-construction support activities.

Partial Project Experience

RJ Donovan Prison Infill, (California Department of Corrections), Otay Mesa, CA
San Diego County Women's Detention Center, Santee, CA
Cymer, Inc. (Micro-electronics), Building 6, San Diego, CA
Biogen/IDEC Pharmaceutical Research Laboratory World Headquarters–Nobel Facility, San Diego, CA
Specialty Laboratories (Healthcare Diagnostics Laboratory), Santa Clarita, CA
AMGEN Building 8 Core Renovation (Research), Thousand Oaks, CA
Quest Diagnostics, Inc. (Healthcare Diagnostics Laboratory), North Park, CA
Culver City Mall (Thermal Energy Storage – Ice), Culver City, CA
San Diego International Airport Terminal 2 West Expansion (Transportation), San Diego, CA
South Mountain High School, Phoenix, AZ
Metro-center High School, Phoenix, AZ
Bachelor Enlisted Quarters (BEQ) 4, Camp Pendleton, CA
Bachelor Enlisted Quarters (BEQ) 7, Camp Pendleton, CA
The Scripps Research Institute (TSRI) MEM Facility (Bioresearch); San Deigo, CA
Dupont, Inc. (Bioresearch), San Diego, CA
Alliance Pharmaceutical (GMP Production), San Diego, CA
Scripps Mercy Hospital (Central Plant)
Scripps Memorial Hospital (Central Plant)

Professional Registration

Arizona #17040
California #M27001

Education

B.S., Mechanical Engineering, University of Utah, 1980

Jerry Johnson

Project Superintendent

Role on project: Responsible for Planning & Implementation of all On-Site Activities

Experience Summary

Jerry has been with West Coast Air for 23 years and has been involved in many large scale multi-discipline projects. He is responsible for the supervision and scheduling of manpower, subcontractors, jobsite materials, and general project coordination.

As your Project Superintendent, Jerry supervises and is directly responsible for adhering to construction schedules, ensuring onsite quality assurance and the observation of safety procedures by all workers. He will maintain daily communication and scheduling from start to finish coordinating all trades, layout and setting major equipment. He will assist the Project Manager in the organizational responsibility of the entire onsite construction process.

Jerry has an excellent record of completing quality projects on schedule and within budget.

Partial Project Experience

- San Diego State University Main Chiller Plant Critical Repairs
- County of Orange – Data Center HVAC Upgrades
- County of Orange – CUF to Campus Metering
- County of Orange – Replace Feed Water Pumps
- City of San Diego – Boiler Replacement
- Kyocera – New Co-Generation Plant
- MCRD - New Central Plant
- John Wayne Airport - New Central Plant
- County of Orange Co-generation Plant - Central Utility Facility Conversion Project 10.4 MW
- Chuckawalla Valley State Prison - Upgrade Central Plant & Pipe Loop
- Irvine Valley College - Co-generation/Central Plant 1.8 mw
- Balboa Naval Medical Center - Co-generation Plant 6 mw
- Salk Institute - Stem Cell Research Lab
- Salk Institute - Primate Lab Retrofit & Tenant Improvement
- Salk Institute - North Building Floors 3 & 6 Retrofit & Tenant Improvement

8. PROJECT ORGANIZATION & KEY PERSONNEL



NAME:

Chris D. Deck, PE - Mechanical Engineer / Commissioning
LEED AP, CEM, CCP

BRIEF PROFILE:

Mr. Deck brings more than 23 years of mechanical engineering and commissioning experience to this project. His in-depth knowledge of energy retrofit projects throughout San Diego will be utilized to provide the City of San Diego with the most efficient and maintainable HVAC systems to reduce overall energy costs while improving the indoor environment. Mr. Deck has been at the forefront of energy projects in San Diego over the last 20 years and has developed energy related projects in over 20,000,000 sf of buildings throughout San Diego. He also has a close working relationship with SDG&E to maximize available energy rebates or incentives for the project through energy modeling.

RELEVANT EXPERIENCE:

Rancho Penasquitos Library - City of San Diego

Developed the Commissioning plan and functional performance testing for the HVAC replacement and DDC upgrades for the RP library. The scope of the project was to replace the entire HVAC system within a fully operating library to improve indoor air quality and reduce annual energy consumption.

City of San Diego - Steam Boiler Replacement

The scope of work included the replacement of the central steam boilers at the city of San Diego downtown complex. This project was an energy project which replaced out of date steam boilers with high efficiency steam systems. Mr. Deck was the lead engineer for this project and was responsible for the Direct Digital Controls (DDC) upgrades to optimize the system.

Port of San Diego - Administration Building

Mechanical systems design included chilled water and boiler plants, distribution piping. Design included high efficiency chiller (turbocor) and Condensing 95% efficient boilers. Mr. Deck was the lead engineer for this project and was responsible for the Direct Digital Controls (DDC) upgrades to optimize the system.

Energy Conservation Improvements, San Diego

Various energy conservation projects throughout San Diego County encompassing over 20,000,000 SF. Sites included Office, Laboratory, Government Facilities, Universities and Medical Centers. Developed projects and procured funding for implementation of HVAC projects paid for entirely by energy savings.



**% of Time dedicated to
MACC: 25%**

Office Location:
San Diego

Qualifications/License:

Professional Engineer,
CA License – CA 030087
AZ License – AZ 037154
NV License – NV 022988
LEED Accredited Professional
Certified Commissioning
Professional (CCP)
Certified Energy Manager CEM
ASHRAE , USGBC/LEED, ASPE
BCxA - Member

Current Position: 16 yrs

Relevant Experience:
24 years

Education:

Bachelor of Science in Mechanical
Engineering (BSME). San Diego
State University

RESUME FOR TOM HEDGES

SENIOR PROJECT MANAGER / ESTIMATOR

- *35 years of experience in the electrical industry*
- *4 years of employment with Morrow-Meadows Corporation*

Educational Courses Completed in the Electrical Industry:

- NECA Executive Board Member
- NECA Political Leadership Committee Council
- IBEW 569 Journeyman Wireman
- Electrical Contractors License C-10
- General Contractors License B
- National Fire Protection Association
- NEC 12 CP
- NFPA 90A & B
- International Association of Electrical Inspectors

Duties and Responsibilities in Present Position:

- Provides detailed labor and material take-offs for scope changes and bids. Provides acceptable billing breakdown and monthly billings to the general contractor.
- Orders buy-out quotation materials and systems, monitors drawing approvals, and schedules material arrivals. Manages all subcontractors.
- Coordination between the offices of other trades on the project and our office.
- Provides communication between Morrow-Meadows field operations and departments in the office.
- Works with the general contractor on the project to coordinate schedule and work space between Morrow-Meadows and other trades.
- Assists the project general foreman in examining the bid documents for schedule impact, conflict with other trades, and manpower.
- Assists contractor and owner with problem-solving solutions.

Partial List of Projects:

- City of Escondido, Fire Station
- Petroleum Coke Storage Barn and Conveyor System
- Southern CA Terminal Radar Approach Control Center
- **Coronado High School Auditorium**
- MTS Store Renovation
- Kaiser San Diego Central Hospital HVAC controls
- SDG&E Metro Emergency Generator Installation
- Maher Terminal Container Cranes
- Target Store Remodel & Tenant Improvements
- UCSD Medical Center Hillcrest Panel-Board Installation
- Lyceum Theater Upgrades
- Long Beach Container Terminal
- Kaiser San Diego Central Hospital Energy Center HVAC controls

RESUME FOR STEVE FITZSIMMONS

GENERAL FOREMAN (ELECTRICAL AND CONTROLS)

- *32 years of experience in the electrical industry*
- *2 years of employment with Morrow-Meadows Corporation*

Educational Courses Completed in the Electrical Industry:

- California State Certified Electrician
- OSHA 30 Certified
- Commscope Certified
- First Aid / CPR trained
- Voice Data Video State License
- Competent Person/Electrical Trenching,
- Excavation/Confined Spaces

Duties and Responsibilities in Present Position:

- Provide project supervision of foreman, journeyman, apprentices and material handlers.
- Provide coordination and assist in communication between the owner's representatives, general contractor and MMC.
- Support and assist all entities within Morrow-Meadows and the project in scheduling, budgeting, design, engineering, construction methods and materials.
- Tracking of construction documents (as-builts, specifications; RFIs and change orders).
- Tracking and controlling expenditures and equipment of project / job site.
- Design assist as necessary to provide guidance / improvement to original project design.
- Assist with securing, installing, tracking and billing customer change orders to ensure accuracy and customer satisfaction.
- Ensure optimal quality project fulfillment delivered to the client in terms of performance and customer service while maintaining a safe and competitive workplace

Partial List of Past Project Experience:

- Kaiser San Diego Central Hospital HVAC controls
- Kaiser San Diego Central Hospital Energy Center HVAC controls
- Palomar Medical Center West HVAC controls
- Balboa Hospital HVAC controls
- MCRD San Diego BEQ HVAC power and controls
- Cal State San Marcos Administration Building BMS controls
- Camp Pendleton BEQ's HVAC controls and power installations
- Naval Base North Island BOQ's HVAC controls
- Naval Base North Island Helicopter Hangers
- Naval Base San Diego Security HQ's electrical upgrades
- San Diego International Airport HVAC controls



City of San Diego
 EQUAL OPPORTUNITY CONTRACTING PROGRAM
 1200 Third Avenue, Suite 200, San Diego, CA 92101
 (619) 236-6000 FAX: (619) 235-5209

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report*.

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: West Coast Air Conditioning Co., Inc.

AKA/DBA: N/A

Address (Corporate Headquarters, where applicable): 1155 Pioneer Way, Suite 101

City El Cajon County San Diego State CA zip 92020

Telephone Number: (619) 561-8000 FAX Number: (619) 561-3743

Name of Company CEO: Colin "Matt" Fisher

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: Same

City Same County Same State Same Zip Same

Telephone Number: () Same FAX Number: () Same

Type of Business: Construction Contractor Type of License: A,B,C4,C10,C20,C36,C43,C51

The Company has appointed: Patsy Lower, Controller

as its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate, and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 1155 Pioneer Way, Suite 101, El Cajon, CA 92020

Telephone Number: (619) 561-8000 FAX Number: (619) 561-3743


For Firms: San Diego Work Force and/or Managing Office Work Force

I, the undersigned representative of
West Coast Air Conditioning Co., Inc.

San Diego County, California hereby certify that information provided
 (County) (State)

herein is true and correct. This document was executed on this day of August 2nd,

~~200~~ 2016

 Colin "Matt" Fisher, CEO
 (Authorized Signature) (Print Authorized Signature Name)

WORK FORCE REPORT - Page 2

NAME OF FIRM: West Coast Air Conditioning Co., Inc.

DATE: August 2, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)	(M))	(F)
Executive, Administrative, Managerial											4			
Professional Specialty														
Engineers/Architects											1			
Technicians and Related Support			1											
Sales												1		
Administrative Support/Clerical									1	1	8			
Services														
Precision Production, Craft and Repair			18	2							35		2	
Machine Operators, Assemblers, Inspectors														
Transportation and Material Moving														
Handlers, Equipment Cleaners, Helpers and Non-construction Laborers*														

*Construction laborers and other field employees are not to be included on this page

TOTALS EACH COLUMN			19	2					1	41	9	2		
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GRAND TOTAL ALL EMPLOYEES		74												
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INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NON-PROFIT ORGANIZATIONS ONLY:

BOARD OF DIRECTORS														
VOLUNTEERS														
ARTISTS														

NAME OF FIRM: West Coast Air Conditioning Co., Inc.

DATE: August 2, 2016

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) African-American, Black
- (2) Latino, Hispanic, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) Caucasian
- (7) Other ethnicity; not falling into other groups

OCCUPATIONAL CATEGORY	(1) African-American		(2) Latino		(3) Asian		(4) American Indian		(5) Filipino		(6) Caucasian		(7) Other Ethnicities	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Carpenter			6		1						13		1	
Drywall Installer														
Electrician														
Elevator Installers														
Finishers, Concrete or Terrazzo														
Glaziers														
Helpers, Construction Trade														
Ironworkers, Structural Metal Workers														
Laborers			1								1			
Millwrights														
Masons, Bricklayers														
Tilesetters														
Operators														
Painters														
Pipefitter, Plumbers			3								11			
Plasterers														
Roofers														
Security, Protective Services														
Sheet Metal, Duct Installers			8		1						10		1	
Welders, Cutters														
TOTALS EACH COLUMN			18		2						35		2	
GRAND TOTAL ALL EMPLOYEES			57											

INDICATE BY GENDER AND ETHNICITY THE NUMBER OF ABOVE EMPLOYEES WHO ARE DISABLED:

DISABLED														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Equal Opportunity Assurances

As stated in our introduction we have key personnel and ownership centrally located to respond to the City's needs within one hour or less, 24/7. We are a local business with local employment within the City. Our proposed Management Staff all live within miles of most city locations listed in the RFQ. We have key project labor living as close as a few miles from some of the project parameters.

Local Community Support: The benefit realized by the community from a well-executed construction program starts with their involvement and approval. We offer several seminars at the start of our construction projects to help educate the local contractors, subcontractors and suppliers who should have opportunity to contribute and benefit from the construction of a public facility in their community. We will educate subcontractors on the ins and outs of contractor bonding and insurance requirements, the proposed schedule of construction, work scopes and the level of quality mandated by the project.

In addition the WCA Team does everything in our power to consistently pursue avenues for equal opportunity both in our employment as well as in our efforts to solicit local consultants, contractors, subcontractors and suppliers in the bidding process.

We are committed to ensuring the City of San Diego Energy Conservation Measures & Building Retrofit Projects are able to benefit from utilizing local involvement to;

- Generate a competitive bid climate.
- Assist emerging small and disadvantaged businesses.
- Generate local revenue and job creation.
- Obtain construction materials through local firms and manufacturers.

We are continually ensuring the solicitation of local companies by advertising in local trade papers, specialty trade papers and internal advertising through our own data base of qualified local consultants, contractors, subcontractors and suppliers.

We provide:

- Support as needed to implement and maintain participation of local firms.
- Assistance and coordination in monitoring local Subcontractors.
- Organization of informational workshops for businesses interested in the bidding process.
- Coordination of contractor outreach events, job walks and bid orientation meetings.
- Identification of local SLBE, DVBE, WBE and DBE businesses, along with any other minority type businesses that may apply to a particular project and/or client.
- Verification of business profile/self certification and license status.

In addition we encourage a diverse workforce participation through our hiring practices. We support San Diego apprenticeship programs through both the Association of General Contractors (AGC) and the Associated Builders & Contractors (ABC).

We believe local involvement by both the area business sector and the local residence through employment brings that extra ounce of pride and ownership to the community.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: CUSD - Roosevelt & Santiago High Schools - HVAC Change Outs

TYPE OF PROJECT: Design Build

DOLLAR VALUE OF PROJECT: \$ 1,332,388

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Precision Air Balance</u> Address: <u>1240-HH N. Jefferson St.</u> City: <u>Anaheim</u> State: <u>CA</u> Zip: <u>92807</u> Phone: <u>714-630-3796</u> Email: <u>kfox@precisionairbalance.com</u>	Contractor	633805	Test & Balance	\$3,950	WBE	
Name: <u>Laser Electric</u> Address: <u>2250 Micro Place #200</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-658-6626</u> Email: <u>Denisehartnett@laserelectric.com</u>	Contractor	513888	Electric	\$48,364	WBE	

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: CUSD - Roosevelt & Santiago High Schools - HVAC Change Outs

TYPE OF PROJECT: Design Build

DOLLAR VALUE OF PROJECT: \$ 1,332,388

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Kyne Construction</u> Address: <u>PO Box 1997</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-749-2400</u> Email: <u>k.kyne@kyneconstruction.com</u>	Contractor	814510	Site Utilities	\$ 42,958	WBE	
Name: <u>Simmons & Wood, Inc.</u> Address: <u>8737 Wintergardens Blvd.</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-561-1318</u> Email: <u>rondasimmons2000@yahoo.com</u>	Contractor	272910	Paint	\$ 13,910	WBE	

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: LUSD - Tierra Del Sol Middle School - HVAC Replacement, Arch. Enhancements, Day Lighting

TYPE OF PROJECT: Lease-Lease Back (Design Build) DOLLAR VALUE OF PROJECT: \$ 3,881,275

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Precision Air Balance</u> Address: <u>1240-H N. Jefferson St.</u> City: <u>Anaheim</u> State: <u>CA</u> Zip: <u>92807</u> Phone: <u>714-630-3796</u> Email: <u>kfox@precisionairbalance.com</u>	Contractor	633805	Test & Balance	\$ 14,500	WBE	
Name: <u>Hankins Construction</u> Address: <u>1315 Walnut St.</u> City: <u>Ramona</u> State: <u>CA</u> Zip: <u>92065</u> Phone: <u>760-4894343</u> Email: <u>pavnlady@hankinsconstruction.com</u>	Contractor	916516	Site Work	\$ 194,835	WBE, SDB	

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: LUSD - Tierra Del Sol Middle School - HVAC Replacement, Arch. Enhancements, Day Lighting

TYPE OF PROJECT: Lease-Lease Back (Design Build) DOLLAR VALUE OF PROJECT: \$ 3,881,275

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Simmons & Wood, Inc.</u> Address: <u>8737 Wintergardens Blvd.</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-561-1318</u> Email: <u>rondasimmons200@yahoo.com</u>	Contractor	272910	Paint	\$ 48,467	WBE	
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: Alpine Union School District - 5 School Sites - HVAC Replacement, Lighting Retrofit, Solar Installation

TYPE OF PROJECT: Design Build DOLLAR VALUE OF PROJECT: \$ 2,962,415

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓐ]
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____	NOT APPLICABLE					
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

DESIGN-BUILD SUBCONTRACTORS AND SUPPLIERS PAST PARTICIPATION LIST

The Design-Builder shall complete this form for each project listed in response to the RFQ.

NAME OF PROJECT: City of San Diego - Boiler Replacement

TYPE OF PROJECT: Design Build

DOLLAR VALUE OF PROJECT: \$ 939,600

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONTRACTOR, DESIGNER, SUPPLIER, OR VENDOR	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK PERFORMED, MATERIALS OR SUPPLIES	DOLLAR AMOUNT OF SUBCONTRACTOR PARTICIPATION, MATERIALS OR SUPPLIES	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB [ⓐ]	WHERE CERTIFIED [ⓑ]
Name: <u>Laser Electric</u> Address: <u>2250 Micro Place #200</u> City: <u>Escondido</u> State: <u>CA</u> Zip: <u>92029</u> Phone: <u>760-658-6626</u> Email: <u>kevinhartnett@laserelectric.com</u>	Contractor	513888	Electrical	\$ 7,500	WBE	
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

ⓐ As appropriate, Design-Builder shall identify Subcontractors or Suppliers as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

ⓑ As appropriate, Design-Builder shall indicate if Subcontractor or Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Design-Builder will not receive any points for past subcontracting participation percentages if the Design-Builder fails to submit the required proof of certification.

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

NOT APPLICABLE

Contractor Name: West Coast Air Conditioning Co., Inc.

Certified By Colin "Matt" Fisher Title CEO

Name


Signature

Date August 2, 2016

USE ADDITIONAL FORMS AS NECESSARY

3 Year Change Order History (Projects Over \$500,000)

west coast Air

PROJECT	ORIGINAL CONTRACT VALUE	COMPLETION VALUE	C/O QUANTITY		C/O VALUE	% OF TOTAL C/O'S	% OF NON-OWNER INITIATED C/O'S	DELIVERY METHOD
Lexington Elementary School Completion December 2015	\$ 27,406,538.00	\$ 27,072,535.00	1	DEDUCT Amendment	\$ (334,003.00) ** Project Came In Under Budget	-1%	N/A	LLB/Design Build
Dehesa School Completion December 2015	\$ 3,897,055.00	\$ 3,907,093.00	1	ADD	\$ 10,038.00 ** Owner Added Scope	0.3%	0%	LLB/Design Build
Moffett & Dwyer Schools Completion October 2015	\$ 675,717.00	\$ 710,351.00	2	ADD	\$ 34,634.00 ** Owner Added Scope	5%	0%	Design Build
Los Alamitos Unified School District Offices Completion October 2015	\$ 20,663,831.00	\$ 19,594,808.00	1	DEDUCT Amendment	\$ (1,069,023.00) ** Project Came In Under Budget	-5%	N/A	LLB/Design Build
Torrey Pines High School Building B Completion September 2015	\$ 768,010.00	\$ 792,333.00	1	ADD	\$ 24,323.00	3%	0%	Design/Bid/Build
San Marcos Unified School District Summer Upgrades Completion August 2015	\$ 1,988,671.00	\$ 1,952,316.00	1	DEDUCT Amendment	\$ (36,355.00) ** Project Came In Under Budget	-2%	N/A	LLB/Design Build
McGaugh ES & Los Alamitos High School Completion August 2015	\$ 943,000.00	\$ 796,371.00	1	DEDUCT Amendment	\$ (146,629.00) ** Project Came In Under Budget	-16%	N/A	LLB/Design Build
San Diego State Univeristy Chiller Plant Repairs Completion July 2015	\$ 9,023,000.00	\$ 11,432,903.00	35	ADD	\$ 2,409,903.00	27%	0%	Design/Bid/Build
Roosevelt High School HVAC Change Outs Completion July 2015	\$ 676,373.00	\$ 676,373.00	0		\$ -	0%	N/A	LLB/Design Build
Santiago High School HVAC Change Outs Completion July 2015	\$ 676,373.00	\$ 656,015.00	0		\$ -	0%	N/A	LLB/Design Build
Oak Middle School Modernization Completion August 2014	\$ 23,130,021.00	\$ 21,756,458.00	1	DEDUCT Amendment	\$ (1,373,563.00) ** Project Came In Under Budget	-6%	N/A	LLB/Design Build
Weaver Elementary School Modernization Completion August 2014	\$ 11,902,234.00	\$ 10,977,040.00	1	DEDUCT Amendment	\$ (925,194.00) ** Project Came In Under Budget	-8%	N/A	LLB/Design Build
Burrough High School PAC Chiller Completion June 2014	\$ 600,532.00	\$ 632,205.00	1	ADD	\$ 31,673.00	5%	0%	Design/Bid/Build
Shadow Mountain Church Expansion Completion February 2014	\$ 1,069,289.00	\$ 1,064,058.00	5	DEDUCT	\$ (5,231.00) ** Project Came In Under Budget	-0.5%	N/A	Design Build
SPAWAR Point Loma TO #3 Completion January 2014	\$ 1,980,492.00	\$ 2,106,517.00	2	ADD	\$ 126,025.00	6%	0%	Design Build

Cajon Valley School District Technology Upgrades Completion August 2013	\$ 9,504,000.00	\$ 10,002,805.00	3	ADD	\$ 498,805.00	5%	0%	Design/Bid/Build
29 Palms Marine Corps. Base Bldg. 1465 BEQ Repairs Completion August 2013	\$ 1,682,186.00	\$ 1,738,132.00	2	ADD	\$ 55,946.00	3%	0%	Design/Bid/Build
Tierra Del Sol Middle School Completion August 2013	\$ 4,018,117.00	\$ 3,881,275.00	1	DEDUCT	\$ (136,842.00) ** Project Came In Under Budget	-3%	N/A	LLB/Design Build
Anaheim Hills Elementary School Completion August 2013	\$ 653,470.00	\$ 669,634.00	2	ADD	\$ 16,164.00	2%	0%	Design Build
Lee Elementary School Modernization Completion August 2013	\$ 10,275,001.00	\$ 9,276,277.00	1	DEDUCT Amendment	\$ (998,724.00) ** Project Came In Under Budget	-10%	N/A	LLB/Design Build
Santiago High School Addition Completion August 2013	\$ 13,974,557.00	\$ 14,556,088.00	1	ADD	\$ 581,531.00 ** Owner Added Scope	4%	0%	LLB/Design Build

Claims Litigation History

LITIGATION HISTORY

West Coast Air (WCA) has been a party to litigation with just three Owners in our 53 year history of performing construction for public agencies. A statistic we are very proud of. One of these such instances has occurred within the last 5 years. Information regarding the claim is outlined below. The other two claims occurred well beyond the 5 year standard set forth in the Cities RFQ. The details of these claims are available upon request.

Subcontractor Pass Through Claim

Project Name: Technology Infrastructure Upgrade, Bundles 3 and 4

Project Location: Anza Elementary, Crest Elementary, Johnson Elementary, Magnolia Elementary, Chase Elementary, Emerald Middle, W.D. Hall Elementary and Naranca Elementary, all located in El Cajon, California

Owner/ Contact Person: Scott Buxbaum

Telephone Number: (619) 588-3060

Contract Value (for Bundles 2 and 3): \$6,203,428.00

Disputed Amount: approximately \$180,000.00

Date and Reason for Dispute: In 2013/ 2014, WCAC had a subcontractor pass through claim known as *Alfonso S. Zermeno dba Advance Communications Cabling Co. v. West Coast Air Conditioning Co., Inc., et al.* This dispute concerned work on a multiple location school project. Advance was a subcontractor to WCAC. Advance contended the plans and specifications for the project published by the School District contained errors and omissions relating to whether the District or contractor had to furnish certain computer networking equipment. Advance retained an architect consultant who opined the District's architect fell below the standard of care in not clearly specifying whether the items were District furnished or contractor supplied. Because of the contractual arrangement on this project, Advance asserted its claim to WCAC, who submitted it to the District, who in turn submitted it to its architect. WCAC pushed the claim to an early mediation before any legal action adverse to the District was filed. At mediation, WCAC caused the case to be settled by paying the subcontractor the amount necessary to avoid the District being sued. The matter was settled in its entirety without a Government Code 910 claim or lawsuit against the District.

This particular claim was for a project that utilized the Design Bid Build Delivery Method.



Colin "Matt" Fisher, CEO
West Coast Air Conditioning, Inc.

August 2, 2016

LITIGATION INFORMATION

- 1) Civil or criminal violations of the Occupational Safety and Health Act against any member of the Contractor.

NONE
- 2) Civil or criminal violations of the Contractors' State License Law against any member of the Contractor.

NONE
- 3) Any conviction of any member of the Contractor of submitting a false or fraudulent claim to a public agency.

NONE
- 4) Civil or criminal violations of federal or state law governing the payment of wages, benefits, or personal income tax withholding, or of Federal Insurance Contributions Act (FICA) withholding requirements, state disability insurance withholding, or unemployment insurance payment requirements against any member of the Contractor. Only violations by a Contractor, as an employer shall be deemed applicable, unless it is shown that a member of the Contractor, in his or her capacity as an employer, had knowledge of a subcontractor's violations or failed to comply with the conditions set forth in §1775(b) of the State Labor Code.

NONE
- 5) Civil or criminal violations of federal or state law against any member of the Contractor governing equal opportunity employment, contracting or subcontracting.

NONE
- 6) A description of all instances where a surety company finished the work of a member of the Contractor, or made payments to subcontractors or workers on behalf of a member of the Contractor.

NONE

ORIGINAL

City of San Diego

CONTRACTOR'S NAME: Baker Electric, Inc.

ADDRESS: 1298 Pacific Oaks Pl., Escondido, CA 92029

TELEPHONE NO.: (760) 745-2001 FAX NO.: (760) 745-3610

Contract Specialist: Clementina Giordano

Address: 1010 2nd Ave, Suite 1400, MS 614C

Email: CGiordano@sandiego.gov

Phone No.: 619-533-3481 Fax No.: 619-236-5904



CONTRACT DOCUMENTS

FOR

MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

RFQ NO.: 1485

Document No. RR-311150-1
Filed MAY 23 2017
Office of the City Clerk
San Diego, California

MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **Baker Electric, Inc.**, (Design-Builder), for the purpose of designing and constructing City building retrofits and conservation measures (Projects). The City and Design-Builder may be referred to individually as “Party” and collectively as the “Parties.”

RECITALS

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1485 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-~~31150~~) as one of the four firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

AGREEMENT

ARTICLE 1 – PROJECT AWARD

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP

does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

1.1.1 Project Descriptions. Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.

1.2 Proposals. The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:

1.2.1 Bonding Capacity. The Design-Builder does not have to submit a proposal in response to an RFP if the Design-Builder can demonstrate to the reasonable satisfaction of the City, that the proposed Project will cause the Design-Builder to exceed its maximum remaining bonding capacity.

1.2.2 Response Effort. The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.

1.3 Evaluation. The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.

1.4 Task Orders. If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award

described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.

1.5 Contract Documents. Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

1.5.1 This Contract.

1.5.2 The task order.

1.5.3 The RFP and all documents referenced therein.

1.5.4 The 2015 City Supplements (The WHITEBOOK).

1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).

1.5.6 The Design-Builder's proposal (Proposal).

1.5.7 RFQ No. 1485 and all addenda thereto.

1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

1.6 Eligibility to Submit Proposals. Pursuant to SDMC section 22.3310(h)(3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

ARTICLE 2 – SCOPE OF WORK

2.1 Scope of Work. Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.

2.2 Design-Builder's Representative. The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary

expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as "key personnel" in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City's "General Equal Opportunity Contracting Program Requirements" found in Chapter 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI's, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City's control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder's superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work

shall be under the direct supervision of the Design-Builder's superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1485 shall not exceed \$30 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of

each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.

- 5.2 Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.
- 5.3 Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

ARTICLE 6 – BONDS AND INSURANCE

- 6.1 Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

ARTICLE 7 – GENERAL PROVISIONS

- 7.1 Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry

standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

7.3 Mandatory Mediation. If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.

7.3.1 Selection of Mediator. A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.

7.3.2 Mediation Expenses. The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

7.3.3 Conduct of Mediation. Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.

7.3.4 Mediation Results. Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

7.4 Time is of the Essence. The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.

7.5 Mutual Obligations. The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.

7.6 Successors-In-Interest. This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.

- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.
- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.

7.13 Notices. Notices shall be mailed in accordance with section 2-12, “SPECIAL NOTICES” in The GREENBOOK to:

Design-Builder	Public Works Director
Address	City of San Diego
City, State, ZIP	202 “C” Street, 9th Floor
	San Diego, CA 92101

7.14 Assignment. The Design-Builder shall not assign its rights or obligations under this Contract without the City’s prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.

7.15 Survival. Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.

7.16 Incorporation of Exhibits. All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.

7.17 Integration Clause. The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.

7.18 Counterparts. This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

ARTICLE 8 – Prevailing Wages

8.1 Worked Performed. Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below

8.2 Compliance with Prevailing Wage Requirements. Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.2.1 Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

8.2.2 The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

8.3 Penalties for Violations. Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

8.4 Payroll Records. Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

8.4.1 For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

8.5 Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

8.6 Working Hours. Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.

8.7 Required Provisions for Subcontracts. Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

8.8 Labor Code Section 1861 Certification. Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”

8.9 Labor Compliance Program. The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego’s Equal Opportunity Contracting Department at 619-236-6000.


8.10 Contractor and Subcontractor Registration Requirements. This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or

enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5 By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

8.10.1 A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-~~31150~~ authorizing such execution, and the Design-Builder acting by and through its authorized officers.

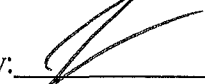
Baker Electric, Inc.

By: 

Name: Ted N. Baker
President

Date: 3/16/17

THE CITY OF SAN DIEGO

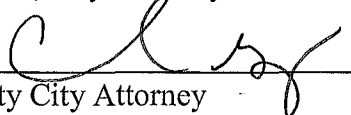
By: 

Name: James Nagelvoort
Director, Public Works

Date: 6/29/17

I HEREBY APPROVE the form of the foregoing agreement this 30th day of June, 2017.

Mara W. Elliott, City Attorney

By: 
Deputy City Attorney
Amanda Guy

311150 -1

ORIGINAL

City of San Diego

CONTRACTOR'S NAME: Barnhart-Reese Construction

ADDRESS: 10805 Thornmint Road, Suite 200, San Diego, CA 92127

TELEPHONE NO.: (858) 592-6500 FAX NO.: (858) 592-1410

Contract Specialist: Clementina Giordano

Address: 1010 2nd Ave, Suite 1400, MS 614C

Email: CGiordano@sandiego.gov

Phone No.: 619-533-3481 Fax No.: 619-236-5904



CONTRACT DOCUMENTS

FOR

**MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR
ENERGY CONSERVATION MEASURES AND BUILDING
RETROFITS PROJECTS AT CITY FACILITIES**

RFQ NO.: 1485

Document No. 17-311150-2
Filed MAY 23 2017
Office of the City Clerk
San Diego, California

**MULTIPLE AWARD DESIGN-BUILD CONTRACT
FOR ENERGY CONSERVATION MEASURES AND BUILDING
RETROFITS PROJECTS AT CITY FACILITIES**

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and Barnhart-Reese Construction, (Design-Builder), for the purpose of designing and constructing City building retrofits and conservation measures (Projects). The City and Design-Builder may be referred to individually as "Party" and collectively as the "Parties."

RECITALS

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1485 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. RR 311150) as one of the four firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

AGREEMENT

ARTICLE 1 – PROJECT AWARD

- 1.1 **Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP

does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

1.1.1 Project Descriptions. Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.

1.2 Proposals. The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:

1.2.1 Bonding Capacity. The Design-Builder does not have to submit a proposal in response to an RFP if the Design-Builder can demonstrate to the reasonable satisfaction of the City, that the proposed Project will cause the Design-Builder to exceed its maximum remaining bonding capacity.

1.2.2 Response Effort. The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.

1.3 Evaluation. The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.

1.4 Task Orders. If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award

described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.

1.5 Contract Documents. Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

1.5.1 This Contract.

1.5.2 The task order.

1.5.3 The RFP and all documents referenced therein.

1.5.4 The 2015 City Supplements (The WHITEBOOK).

1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).

1.5.6 The Design-Builder's proposal (Proposal).

1.5.7 RFQ No. 1485 and all addenda thereto.

1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

1.6 Eligibility to Submit Proposals. Pursuant to SDMC section 22.3310(h)(3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

ARTICLE 2 – SCOPE OF WORK

2.1 Scope of Work. Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.

2.2 Design-Builder's Representative. The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary

expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as "key personnel" in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City's "General Equal Opportunity Contracting Program Requirements" found in Chapter 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI's, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City's control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder's superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work

shall be under the direct supervision of the Design-Builder's superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

ARTICLE 3 – CONTRACT TERM

- 3.1 Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

ARTICLE 4 – COMPENSATION

- 4.1 Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1485 shall not exceed \$30 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

ARTICLE 5 - INDEMNITY

- 5.1 General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of

each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.

- 5.2 Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.
- 5.3 Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

ARTICLE 6 – BONDS AND INSURANCE

- 6.1 Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

ARTICLE 7 – GENERAL PROVISIONS

- 7.1 Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry

standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

7.3 Mandatory Mediation. If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.

7.3.1 Selection of Mediator. A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.

7.3.2 Mediation Expenses. The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

7.3.3 Conduct of Mediation. Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.

7.3.4 Mediation Results. Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

7.4 Time is of the Essence. The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.

7.5 Mutual Obligations. The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.

7.6 Successors-In-Interest. This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.

- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.
- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:

Design-Builder
Address

Public Works Director
City of San Diego
202 "C" Street, 9th Floor

City, State, ZIP

San Diego, CA 92101

- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.
- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.2.1 Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

8.2.2 The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

8.3 Penalties for Violations. Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

8.4 Payroll Records. Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

8.4.1 For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

8.5 Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego’s Equal Opportunity Contracting Department at 619-236-6000.
- 8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5 By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

8.10.1 A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-311150-2 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

Barnhart-Reese Construction

By: West Reese

Name: West Reese

Date: 3-15-17

THE CITY OF SAN DIEGO

By: [Signature]

Name: James Nagelvoort
Director, Public Works

Date: 6/29/17

I HEREBY APPROVE the form of the foregoing agreement this 30th day of June, 2017.

Mara W. Elliott, City Attorney

By: [Signature]
Deputy City Attorney
Amanda Guy

3-311150-2

ORIGINAL

City of San Diego

CONTRACTOR'S NAME: Performance Automation Solutions, Inc.

ADDRESS: 10633 Roselle Street, Suite G, San Diego, CA 92121

TELEPHONE NO.: (858) 391-6400 FAX NO.: (858) 391-6407

Contract Specialist: Clementina Giordano

Address: 1010 2nd Ave, Suite 1400, MS 614C

Email: CGiordano@sandiego.gov

Phone No.: 619-533-3481 Fax No.: 619-236-5904



CONTRACT DOCUMENTS

FOR

MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

RFQ NO.: 1485

Document No. RR-311150 73
Filed MAY 23 2017
Office of the City Clerk
San Diego, California

**MULTIPLE AWARD DESIGN-BUILD CONTRACT
FOR ENERGY CONSERVATION MEASURES AND BUILDING
RETROFITS PROJECTS AT CITY FACILITIES**

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **Performance Automation Solutions, Inc.**, (Design-Builder), for the purpose of designing and constructing City building retrofits and conservation measures (Projects). The City and Design-Builder may be referred to individually as “Party” and collectively as the “Parties.”

RECITALS

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1485 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-~~31150~~) as one of the four firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

AGREEMENT

ARTICLE 1 – PROJECT AWARD

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP

does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

1.1.1 Project Descriptions. Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.

1.2 Proposals. The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:

1.2.1 Bonding Capacity. The Design-Builder does not have to submit a proposal in response to an RFP if the Design-Builder can demonstrate to the reasonable satisfaction of the City, that the proposed Project will cause the Design-Builder to exceed its maximum remaining bonding capacity.

1.2.2 Response Effort. The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.

1.3 Evaluation. The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.

1.4 Task Orders. If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award

described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.

1.5 Contract Documents. Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

1.5.1 This Contract.

1.5.2 The task order.

1.5.3 The RFP and all documents referenced therein.

1.5.4 The 2015 City Supplements (The WHITEBOOK).

1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).

1.5.6 The Design-Builder's proposal (Proposal).

1.5.7 RFQ No. 1485 and all addenda thereto.

1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

1.6 Eligibility to Submit Proposals. Pursuant to SDMC section 22.3310(h)(3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

ARTICLE 2 – SCOPE OF WORK

2.1 Scope of Work. Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.

2.2 Design-Builder's Representative. The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary

expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as "key personnel" in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City's "General Equal Opportunity Contracting Program Requirements" found in Chapter 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI's, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City's control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder's superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work

shall be under the direct supervision of the Design-Builder's superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

ARTICLE 3 – CONTRACT TERM

- 3.1 Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

ARTICLE 4 – COMPENSATION

- 4.1 Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1485 shall not exceed \$30 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

ARTICLE 5 - INDEMNITY

- 5.1 General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of

each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.

- 5.2 Indemnity for Design Services.** With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.
- 5.3 Survival.** Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

ARTICLE 6 – BONDS AND INSURANCE

- 6.1 Bonds and Insurance.** The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

ARTICLE 7 – GENERAL PROVISIONS

- 7.1 Compliance with Laws.** The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).
- 7.2 Contract Interpretation.** This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry

standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

7.3 Mandatory Mediation. If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.

7.3.1 Selection of Mediator. A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.

7.3.2 Mediation Expenses. The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

7.3.3 Conduct of Mediation. Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.

7.3.4 Mediation Results. Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

7.4 Time is of the Essence. The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.

7.5 Mutual Obligations. The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.

7.6 Successors-In-Interest. This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.

- 7.7 **Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 **Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.
- 7.9 **Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 **Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 **Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 **Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 **Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:

Design-Builder

Public Works Director

Address

City of San Diego
202 "C" Street, 9th Floor

City, State, ZIP

San Diego, CA 92101

- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City's prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.
- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.2.1 Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

8.2.2 The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

8.3 Penalties for Violations. Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

8.4 Payroll Records. Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

8.4.1 For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

8.5 Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego’s Equal Opportunity Contracting Department at 619-236-6000.
- 8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5 By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

8.10.1 A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-31150 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

Performance Automation Solutions, Inc.

By: 

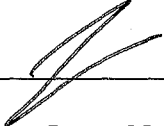
Nellie Volf

PRESIDENT

Name: _____

Date: 3/20/17

THE CITY OF SAN DIEGO


By: 

Name: James Nagelvoort
Director, Public Works

Date: 6/29/17

I HEREBY APPROVE the form of the foregoing agreement this 30th day of June, 2017.

Mara W. Elliott, City Attorney

By: 
Deputy City Attorney
Amanda Guy

9-311150 -3

ORIGINAL

City of San Diego

CONTRACTOR'S NAME: West Coast Air Conditioning Co., Inc.

ADDRESS: 1155 Pioneer Way, Suite 101, El Cajon, CA 92020

TELEPHONE NO.: (619) 561-8000 FAX NO.: (619) 561-3743

Contract Specialist: Clementina Giordano

Address: 1010 2nd Ave, Suite 1400, MS 614C

Email: CGiordano@sandiego.gov

Phone No.: 619-533-3481 Fax No.: 619-236-5904



CONTRACT DOCUMENTS

FOR

MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

RFQ NO.: 1485

Document No. RR-311150-4
Filed MAY 23 2017
Office of the City Clerk
San Diego, California

MULTIPLE AWARD DESIGN-BUILD CONTRACT FOR ENERGY CONSERVATION MEASURES AND BUILDING RETROFITS PROJECTS AT CITY FACILITIES

This multiple award Design-Build contract (Contract) is made and entered into by and between the City of San Diego (City), a municipal corporation, and **West Coast Air Conditioning Co.**, (Design-Builder), for the purpose of designing and constructing City building retrofits and conservation measures (Projects). The City and Design-Builder may be referred to individually as “Party” and collectively as the “Parties.”

RECITALS

- A. The City needs to design and construct Projects located in the City of San Diego, California.
- B. The City issued Request for Qualifications No. 1485 (RFQ) for multiple award Design-Build contracts, to which the Design-Builder responded and was approved by the Mayor and City Council (Resolution No. R-~~31150~~) as one of the four firms eligible to submit future proposals to design and construct Projects through this program.
- C. The City will hire one firm to design and construct each Project, to be described in Request for Proposals (RFPs) issued pursuant to section 22.3310 of the San Diego Municipal Code (SDMC).
- D. The Design-Builder is prepared to enter into this Contract and to submit, in accordance with each RFP, a Proposal for each Project.
- E. The Design-Builder is ready, willing, and able to design and construct Projects in accordance with the terms and conditions of this Contract.

In consideration of the above recitals and the mutual covenants and conditions set forth herein, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

AGREEMENT

ARTICLE 1 – PROJECT AWARD

- 1.1 Request for Proposals.** From time to time during the term of this Contract, the City will issue a RFP to the Design-Builder for the design and construction of a Project. The RFP will describe the specific requirements and scope of work for the Project. There is no minimum or maximum number of RFPs to be issued under this Contract. Issuing a RFP

does not obligate the City to award a task order for the Project, and a RFP may be canceled by the City at any time prior to award of a task order. The City may issue addenda to a RFP or extend the deadline for submitting proposals, in the City's discretion.

1.1.1 Project Descriptions. Projects may be non-complex performance oriented tasks requiring minimal design, may be complex construction requiring substantial design development, or a combination thereof. Projects will be varying in size and complexity. The RFP may or may not have preliminary plans and specifications but may include sketches, and requests for catalog cuts, and other submittals.

1.2 Proposals. The Design-Builder's proposal must be complete and satisfy all the requirements of the RFP, consistent with industry standards and proposals submitted by competent design-build firms performing similar work in California. Proposals submitted by the Design-Builder shall constitute a firm offer, which may be accepted by the City within the time specified in the RFP. Subcontractors shall be identified in the proposals pursuant to SDMC section 22.3309. Preparing and submitting proposals shall be at the Design-Builder's sole cost and expense. The Design-Builder shall submit a proposal to the City responding to each RFP, by the deadline specified in the RFP, unless an exception applies:

1.2.1 Bonding Capacity. The Design-Builder does not have to submit a proposal in response to an RFP if the Design-Builder can demonstrate to the reasonable satisfaction of the City, that the proposed Project will cause the Design-Builder to exceed its maximum remaining bonding capacity.

1.2.2 Response Effort. The Design-Builder does not have to submit a proposal in response to an RFP if the deadline to submit a proposal is less than thirty (30) days from the date the RFP is issued, or if the City has issued more than two RFPs in the thirty (30) days immediately preceding the date of issuance of the current RFP.

1.3 Evaluation. The City will evaluate the proposals in accordance with SDMC section 22.3308 and the criteria set forth in the RFP. The City may negotiate and clarify the final components of the winning proposal with the Design-Builder pursuant to SDMC section 22.3008(b). The winning proposal will be recommended for award to the Mayor or his/her designee, who must approve all task orders. If at least two proposals are not received in response to a RFP, the City will not issue a task order for the Project and instead procure the Project through another process. The City may accept the winning proposal, reject proposals that do not meet all the requirements of the RFP or this Contract, waive any defects and technicalities in a proposal, or reject all proposals, all in its sole discretion.

1.4 Task Orders. If the City accepts the Design-Builder's proposal, the award of the Project will be acknowledged by the issuance of a task order. The award of a task order is contingent upon the Design-Builder's compliance with all conditions precedent to award

described in the RFP. The task order becomes effective upon the Design-Builder's receipt of the task order signed by the Mayor or his designee. Task orders will be issued with a specific completion date or performance period and a firm fixed price for design and construction. The Design-Builder is responsible for designing and constructing each Project for the fixed price contract value. Failure to do so is at the Design-Builder's risk.

1.5 Contract Documents. Upon the award of a task order, the RFP, the Design-Builder's proposal, and the task order (which may include modifications to the proposal negotiated pursuant to section 1.3) shall be considered as incorporated into this Contract, but only for the particular Project for which they are issued or submitted. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the order of precedence shall be as set forth below in descending order of precedence (the document in section 1.5.1 having the highest precedence). Provisions of the Contract Documents addressing the same subject which are consistent but have different degrees of specificity shall not be considered to be in conflict, and the more specific language shall control.

1.5.1 This Contract.

1.5.2 The task order.

1.5.3 The RFP and all documents referenced therein.

1.5.4 The 2015 City Supplements (The WHITEBOOK).

1.5.5 The 2015 Standard Specifications for Public Works Construction (The GREENBOOK).

1.5.6 The Design-Builder's proposal (Proposal).

1.5.7 RFQ No. 1485 and all addenda thereto.

1.5.8 The Design-Builder's Statement of Qualifications (SOQ).

1.6 Eligibility to Submit Proposals. Pursuant to SDMC section 22.3310(h)(3), if the Design-Builder is awarded a task order and fails to achieve the mandatory minimum participation levels established in the RFP for that Project for Small Local Business Enterprises, Emerging Local Business Enterprises, or Disabled Veteran Business Enterprises, the Design-Builder shall be ineligible to submit proposals for any further task orders under this Contract.

ARTICLE 2 – SCOPE OF WORK

2.1 Scope of Work. Upon the award of a task order, the Design-Builder shall furnish any and all labor, materials, equipment, transportation, utilities, services and temporary facilities required to complete each Project as described in the task order, the RFP and the Design-Builder's proposal. All work shall be performed in a good and workmanlike manner and within the care and skill of a qualified design firm and licensed contractor in California. The work shall be performed pursuant to and in conformity with the RFP, the Project's plans and specifications, and all other Contract Documents and subject to the approval of the City, whose approval shall not be unreasonably withheld.

2.2 Design-Builder's Representative. The Design-Builder shall designate a local representative, who shall be reasonably available to City and shall have the necessary

expertise and experience required to supervise the Projects. The Design-Builder's representative shall communicate regularly with City, but no less than once a week if the Design-Builder is working on a task order, and shall be vested with the authority to act on behalf of the Design-Builder. The Design-Builder's representative may be replaced only with the written consent of City.

- 2.3 Changes to Key Personnel and Substitution of Subcontractors.** The Design-Builder shall not change or substitute any individual that is identified as "key personnel" in its statement of qualifications or and proposal without the written consent of the City, which will not be unreasonably withheld. The Design-Builder shall not change or substitute any material, supplier, or subcontractor identified in its statement of qualifications or proposal without written consent of the City.
- 2.4 Contract Terms and Conditions.** This Contract incorporates by reference, as if fully set forth herein, the 2015 Edition of The GREENBOOK as modified by the 2015 Edition of The WHITEBOOK, except as otherwise specified in this Contract, a RFP or a task order.
- 2.5 Subcontractors and Suppliers.** The Design-Builder shall be responsible for the work done by subcontractors and suppliers, and any discrepancy or gaps in their scope of works. Nothing in the Contract Documents is intended or deemed to create any legal or contractual relationship between the City and any subcontractor or supplier of any tier.
- 2.6 Equal Opportunity Contracting.** The Design-Builder shall comply with the City's "General Equal Opportunity Contracting Program Requirements" found in Chapter 10 of The WHITEBOOK, hereby incorporated into this Contract by reference. At the pre-construction conference (if any), the Design-Builder shall provide a statement of proposed SLBE, ELBE, and DVBE utilization identifying the certified entities that will be utilized on the Project to meet the mandatory minimum participation levels in the RFP. The Design-Builder shall also provide copies of all purchase orders and/or contracts with SLBE, ELBE, and DVBE subcontractors used to meet the mandatory minimum participation levels in the RFP.
- 2.7 Coordination of the Work.** The Design-Builder shall coordinate all design and construction activities efficiently and with the requisite expertise, skill and competence to satisfy the requirements of the Contract Documents. The Design-Builder shall at all times exercise complete and exclusive control over the means, methods, sequences and techniques of design and construction. The Design-Builder shall coordinate scheduling of bid packages, submittals, and all RFI's, and the construction of the Project to ensure the efficient and orderly sequence of the construction of the Project. The Design-Builder shall monitor and report monthly to the City on actual performance compared to the Project schedule. If City performs other work on the Project or at the site itself or with separate contractors under City's control, the Design-Builder and the City both agree to reasonably cooperate and coordinate respective activities with the other so that the Project can be completed in an orderly and coordinated manner without unreasonable disruption.
- 2.8 Superintendent.** The Design-Builder's superintendent shall be present at the site at all times that construction activities are taking place. All elements of the construction work

shall be under the direct supervision of the Design-Builder's superintendent or his designated representative on the site who shall have the authority to take actions required to properly perform that particular element of the Project. The City may require the Design-Builder to stop or suspend the construction work if the City reasonably believes supervision at the site is inadequate.

ARTICLE 3 – CONTRACT TERM

- 3.1 **Contract Effective.** This Contract shall become effective on the date it is fully executed by both Parties.
- 3.2 **Termination.** This Contract, or task orders issued under this Contract, may be terminated by the City for default or for convenience in accordance with Part 1 of The GREENBOOK and The WHITEBOOK.
- 3.3 **Force Majeure.** In the event the performance of either Party is delayed due to causes which are outside their control, and could not be avoided by the exercise of due care, which may include, but is not limited to, war, terrorist attack, act of God, government regulations, labor disputes, strikes, fires, floods, adverse weather or elements necessitating cessation of the work, inability to obtain materials, labor or equipment, or litigation or legal proceedings challenging one or more of the project approvals, then the time for performance shall be extended by an amount equivalent to the length of delay. Neither Party shall receive compensation from the other party for a force majeure event.

ARTICLE 4 – COMPENSATION

- 4.1 **Compensation.** The total cumulative compensation to all design-build firms eligible to submit proposals pursuant to RFQ No. 1485 shall not exceed \$30 million. The guaranteed minimum compensation to the Design-Builder is \$5,000. The total compensation for each Project will be set forth in each task order, which shall be a firm fixed price for successful completion of the Project.
- 4.2 **Progress Payments.** The City will make periodic payments to the Design-Builder in accordance with the payment provisions in The GREENBOOK, the WHITEBOOK, the RFP and the task order.

ARTICLE 5 - INDEMNITY

- 5.1 **General Indemnity.** The Design-Builder agrees to defend, indemnify, protect and hold harmless the City, its elected officials, officers and employees, from and against all third-party claims or judgments asserted, or third-party liability established for damages or injuries to any person or property arising directly or indirectly out of the construction of

each Project, or the Design-Builder's obligations under this Contract, which are caused or claimed to be caused by the negligent acts or omissions or willful misconduct of the Design-Builder, its officers, agents, or employees. The Design-Builder's obligation to indemnify the City shall not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its elected officials, officers or employees. The City may elect to conduct its own defense, in its sole discretion, without invalidating this section.

5.2 Indemnity for Design Services. With respect to the design of the Project, except as otherwise provided by California Civil Code section 2782.8, the Design-Builder shall indemnify and hold harmless the City, its elected officials, officers and employees, from all claims, demands or liability that arise out of, pertain to or relate to the negligence, recklessness, or willful misconduct of the Design-Builder, its design professionals, officers, agents or employees.

5.3 Survival. Notwithstanding Article 3, the indemnity provisions in this Article shall survive expiration and termination of this Contract and continue so long as a viable claim exists.

ARTICLE 6 – BONDS AND INSURANCE

6.1 Bonds and Insurance. The Design-Builder shall furnish evidence of bonds and insurance required by the RFP within fourteen (14) days after written notification from the City that the Design-Builder has submitted the winning proposal, unless an extension of time is granted by the City in writing. If the Design-Builder takes longer than fourteen (14) days to provide evidence of bonds and insurance, then the additional time taken shall be added to the time the Design-Builder must guarantee the price of its proposal prior to the issuance of a task order. The City may reject the proposal if the Design-Builder fails to provide evidence of bonds and insurance within fourteen (14) days or the extension of time granted by the City.

ARTICLE 7 – GENERAL PROVISIONS

7.1 Compliance with Laws. The Design-Builder shall comply with all applicable local, state and federal laws, statutes, ordinances, and regulations in the performance of its obligations under this Contract. Local ordinances and regulations requiring written certifications or information from the Design-Builder include the Equal Benefits Ordinance (SDMC sections 22.4301 *et. seq.*), Non-Discrimination Ordinance (SDMC sections 22.3501 *et. seq.*), Drug-Free Workplace Policy (Council Policy 100-17), Americans with Disabilities Act Policy (Council Policy 100-04), and Contractor Standards Ordinance (SDMC section 22.3004).

7.2 Contract Interpretation. This Contract, its exhibits, and the documents listed in section 1.5 are intended to be complementary and interpreted in harmony so as to avoid conflict, with words and phrases interpreted in a manner consistent with construction industry

standards. This Contract is entered into and shall be construed and interpreted in accordance with the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

7.3 Mandatory Mediation. If a dispute arises out of or relates to this Contract that cannot be resolved through normal contract negotiations, the Design-Builder and the City must first endeavor to settle the dispute in an amicable manner, using mandatory non-binding mediation under the rules of JAMS, AAA or any other neutral organization agreed upon by the parties before having recourse in a court of law.

7.3.1 Selection of Mediator. A single mediator that is acceptable to both Parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible, and chosen from lists furnished by JAMS, AAA or any other agreed upon mediator.

7.3.2 Mediation Expenses. The expenses of witnesses for either side shall be paid by the Party producing such witnesses. All joint expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the Parties, unless they agree otherwise.

7.3.3 Conduct of Mediation. Mediation hearings will be conducted in an informal manner. Discovery shall not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 - 1128) and will not be used for any other purpose unless otherwise agreed by the Parties in writing. The Parties may agree to exchange any information they deem necessary. Both Parties shall have a representative attend the mediation who is authorized to settle the dispute, though the City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either Party may have attorneys, witnesses or experts present.

7.3.4 Mediation Results. Any resultant agreements from mediation shall be documented in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the Parties. Mediators shall not be subject to any subpoena or liability and their actions shall not be subject to discovery.

7.4 Time is of the Essence. The City and the Design-Builder mutually agree that time is of the essence with respect to the dates and times set forth in Contract Documents.

7.5 Mutual Obligations. The City and the Design-Builder commit at all times to cooperate fully with each other, and proceed on the basis of trust and good faith, to permit each Party to realize the benefits afforded under this Contract.

7.6 Successors-In-Interest. This Contract and all rights and obligations contained herein shall be in effect whether or not any or all Parties to this Contract have been succeeded by another entity, and all rights and obligations of the parties signatory to this Contract shall be vested and binding on their successors in interest.

- 7.7 Third Party Beneficiaries.** Nothing in this Contract shall grant rights or benefits to anyone other than the City and the Design-Builder, and any alleged third party beneficiaries are hereby expressly disclaimed. The Parties understand and agree, however, that to the extent permitted by law, the City is an intended third party beneficiary of the Design-Builder's agreements with its consultants, designers, contractors and construction managers performing work on the Project.
- 7.8 Severability.** Should any provision of this Contract be held invalid or illegal by a court or administrative agency of competent jurisdiction, such invalidity or illegality shall not invalidate the whole of this Contract, but, rather, the Contract shall be construed as if it did not contain the invalid or illegal provision, and the rights and obligations of the Parties shall be construed and enforced accordingly, except to the extent that enforcement of this Contract without the invalidated provision would materially and adversely frustrate either or both Parties' essential objectives set forth in this Contract.
- 7.9 Independent Contractor.** The Design-Builder is and shall be an independent contractor. Any provisions in this Contract that may appear to give the City the right to direct the Design-Builder as to the details of accomplishing the work or to exercise a measure of control over the work means that the Design-Builder shall follow the wishes of the City as to the results of the work only.
- 7.10 Waivers.** The failure of either Party to enforce any of the provisions of this Contract or to require performance of the other party of any of the provisions hereof shall not be construed to be a waiver of such provisions unless the waiver is in writing. Prior waivers shall not preclude the right of either Party to thereafter enforce each and every provision of this Contract.
- 7.11 Limitation on Powers.** Nothing in this Contract shall be construed as a limitation upon the powers of the City as a chartered city of the State of California.
- 7.12 Conflict of Interest.** The Design-Builder shall establish and make known to its members, consultants, designers, contractors and construction managers, appropriate safeguards to prohibit employees from using their positions for a purpose that is, or gives the appearance of being, motivated by desire for private gain for themselves or others, particularly those with whom they have family, business, or other relationships. Design-Builder members shall not accept gratuities or any other favors from potential consultants, designers, contractors or construction managers who may or are working on the Project.
- 7.13 Notices.** Notices shall be mailed in accordance with section 2-12, "SPECIAL NOTICES" in The GREENBOOK to:

Design-Builder

Public Works Director

Address

City of San Diego
202 "C" Street, 9th Floor

- 7.14 Assignment.** The Design-Builder shall not assign its rights or obligations under this Contract without the City’s prior written approval, which shall not be unreasonably withheld. Any attempted assignment in violation of this section shall be void and incapable of creating any contractual relationship between the City and a putative assignee.
- 7.15 Survival.** Any obligation that accrues under this Contract prior to its expiration or termination shall survive such expiration or termination.
- 7.16 Incorporation of Exhibits.** All exhibits referenced in this Contract and the documents referenced in section 1.5 are hereby incorporated into and made a part of this Contract by reference.
- 7.17 Integration Clause.** The City and the Design-Builder represent, warrant and agree that no oral promise or agreement not expressed herein has been made to them, that this Contract contains the entire agreement between the Parties, that this Contract supersedes any and all prior oral agreements or understandings between the Parties unless otherwise provided herein, and that in executing this Contract, neither Party is relying on any statement or representation made by the other Party concerning the subject matter, basis or effect of this Contract other than as set forth herein, and that each Party is relying solely on its own judgment and knowledge. This Contract may not be amended except by an instrument in writing signed by both Parties.
- 7.18 Counterparts.** This Contract may be executed in counterparts, which when taken together, shall constitute a single signed original as though all Parties had executed the same page.

ARTICLE 8 – Prevailing Wages

- 8.1 Worked Performed.** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below
- 8.2 Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

8.2.1 Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.

8.2.2 The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.

8.3 Penalties for Violations. Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.

8.4 Payroll Records. Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

8.4.1 For contracts entered into on or after April 1, 2015, Contractor and their subcontractors shall furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

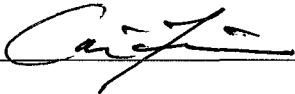
8.5 Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

- 8.6 Working Hours.** Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.
- 8.7 Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.8 Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”
- 8.9 Labor Compliance Program.** The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego’s Equal Opportunity Contracting Department at 619-236-6000.
- 8.10 Contractor and Subcontractor Registration Requirements.** This project is subject to compliance monitoring and enforcement by the DIR. As of March 1, 2015, no contractor or subcontractor may be listed on a bid or proposal for a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. As of April 1, 2015, a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, or enter into any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. By submitting a bid or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration to the City upon request.

8.10.1 A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a bid protest or grounds for considering the bid non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to bid opening; (2) within twenty-four hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

IN WITNESS WHEREOF, this Contract is executed by the City of San Diego pursuant to Resolution No. R-31150 authorizing such execution, and the Design-Builder acting by and through its authorized officers.

West Coast Air Conditioning Co., Inc.

By: 

Name: Colin "Matt" Fisher, CEO

Date: March 15, 2017

THE CITY OF SAN DIEGO


By: 

Name: James Nagelvoort
Director, Public Works

Date: 6/29/17

I HEREBY APPROVE the form of the foregoing agreement this 30th day of June, 2017.

Mara W. Elliott, City Attorney

By: 
Deputy City Attorney
Amanda Guy

R-311150-4