

City of San Diego

CONTRACTOR'S NAME: Vector USA

ADDRESS: 9898 Waples Street, San Diego, CA 92121

TELEPHONE NO.: 858-875-5710

CITY CONTACT: Ron McMinn Contract Specialist Email: rmcminn@sandiego.gov

Phone No. (619) 533-4618

Michelle Caparas



CONTRACT

Cabling for 2nd Floor at Chesapeake

CONTRACT NO.: M-24-0082

SAP NO. (WBS/IO): 12000545

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

GENERAL CONDITIONS

1. **SUMMARY OF WORK:** Minor Construction services for Cabling at 2nd Floor at Chesapeake. For additional information refer to Attachment A.
2. **CONSTRUCTION COST:** This contract is for a Lump Sum as set forth herein. The contract price for this project is \$24,959.22.
3. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
4. **LICENSE REQUIREMENT:** The City has determined that the following licensing classification(s) are required for this contract: C-7
5. **PREQUALIFICATION OF CONTRACTORS:** Contractors providing construction services to the City must be pre-qualified for the total amount proposed, including all alternate items.
6. **AWARD PROCESS:**
 - 6.1. Each signed quote shall constitute a firm offer which may be accepted by the City.
 - 6.2. The City may award the contract to the contractor with the written price quotation offering the best value to the City, considering factors such as price, unit cost, life cycle cost, economic cost analysis, operating efficiency, warranty and quality, compatibility with existing equipment, maintenance costs, experience and qualification of the contractor, when the contractor can start and complete the project, and any additional factors deemed relevant.
 - 6.3. The award of this contract is contingent upon the Contractor's compliance with all conditions of this contract, including submission and acceptance of bonds and compliant insurance.
 - 6.4. This contract will be deemed executed and effective only upon the signing of the contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
7. **ELECTRONIC QUOTE SUBMISSIONS CARRY FULL FORCE AND EFFECT**
 - 7.1. The Contractor, by submitting its quote, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted pursuant to this contract are true and correct.
 - 7.2. The Contractor agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Contractor guarantees the quoted price for a period of 120 days from the date the quote was submitted to the City. The duration of the quoted guarantee shall be extended by the number of days required for the City to obtain all items from the Contractor necessary to

fulfill all conditions precedent.

8. QUOTES ARE PUBLIC RECORDS: Upon receipt by the City, Quotes 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 quote. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide 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 Contractor will hold the City harmless for release of this information.

9. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM: **Prior** to the Award of this Contract, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and quote management system. For additional information go to:

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

10. PREVAILING WAGE RATES WILL APPLY: Refer to Attachment D.

11. INSURANCE REQUIREMENTS:

11.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award (NOI) letter.

11.2. Refer to sections 5-4, "INSURANCE", and 5-4.11, "WORKERS' COMPENSATION INSURANCE AND EMPLOYERS LIABILITY INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

12. REFERENCE STANDARDS: Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction ("The GREENBOOK") http://www.greenbookspecs.org/	2021	ECPI010122-01
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/publicworks/edocref/greenbook	2021	ECPI010122-02
City of San Diego Standard Drawings* https://www.sandiego.gov/publicworks/edocref/standarddraw	2021	ECPI010122-03

Title	Edition	Document Number
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/publicworks/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications – https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2023	ECPD092023-05
CALTRANS Standard Plans https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications	2023	ECPD092023-06
California Manual on Uniform Traffic Control Devices Revision 65 (CA MUTCD Rev 6) https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files	2014	PWPI060121-10
<p>NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml</p> <p>*Electronic updates to the Standard Drawings may also be found in the link above.</p>		

13. CITY'S RIGHTS RESERVED: The City reserves the right to reject submitted quotes at its sole discretion and without liability. Costs incurred by the Contractor as a result of preparing quotes shall be the sole responsibility of each Contractor. The Request for Quotes creates or imposes no obligation upon the City to enter a contract.

14. SUBCONTRACTOR INFORMATION:

14.1. LISTING OF SUBCONTRACTORS. In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Contractor shall provide the **NAME** and **ADDRESS** of each Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Quote. The Contractor shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Contractor shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORTION** of the work which will be performed by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Quote to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Quote being rejected as **non-responsive** and ineligible for award. The Contractor's attention is directed to the Special Provisions - General; Paragraph 3-2, "Self-Performance", which stipulates the percent of the Work to be performed with the Contractors' own forces.

- 14.2.** Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a quote 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 California Department of Industrial Relations (DIR). **The Contractor shall provide the name, address, license number, DIR registration number of any Subcontractor – regardless of tier** - who will perform work, labor, render services or specially fabricate and install the type of the work or improvement pursuant to the contract.
- 15. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, First floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Contractor and the listed Subcontractors must be submitted on the City provided forms within these documents.
- 16. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Contractor shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Quote shall be conclusive evidence that the Contractor has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 17. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 17.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
- 17.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
- 17.3.** The City of San Diego Municipal Code §22.3004 for Contractor Standards.
- 17.4.** The City of San Diego’s Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
- 17.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 17.6.** The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).

- 17.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.

LABOR AND MATERIALMEN'S BOND

LABOR AND MATERIALMEN'S BOND:

Vector Resources, Inc. dba VectorUSA, a corporation, as principal, and Berkshire Hathaway Specialty Insurance Company, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Twenty Four Thousand Nine Hundred Fifty Nine Dollars and Twenty Two Cents (\$24,959.22) for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Article 2. Claimants, (iii) public works of improvement commencing with Civil Code Section 9100 of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

LABOR AND MATERIALMEN'S BOND (continued)

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By: Stephen Samara

By: Nicole M. Denow

Print Name: Stephen Samara
Principal Contract Specialist
Purchasing & Contracting Department

Print Name: Nicole M. Denow
Deputy City Attorney

Date: 6/6/2024

Date: June 10, 2024

CONTRACTOR: Vector Resources, Inc. dba VectorUSA

SURETY: Berkshire Hathaway Specialty Insurance Company

By: [Signature]

By: William G. Moody
Attorney-In-Fact

Print Name: David Zukerman, President

Print Name: William G. Moody

Date: MAY 16, 2024

Date: _____

355 S. Grand Avenue, Suite 1600 Los Angeles, CA 90071

Local Address of Surety

678-867-6100

\$134.00

Premium

47-SUR-300064-01-0373

Bond Number



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

Civil Code § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

State of GEORGIA)
) ss
County of Gwinnett)

On May 15, 2024 before me Tiffany Soko personally appeared William G. Moody, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Georgia that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)



Signature: Tiffany Soko
Tiffany Soko, Notary Public
(Print Name)

My commission expires 5/31/2026



Power Of Attorney

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

Know all men by these presents, that BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at One Lincoln Street, 23rd Floor, Boston, Massachusetts 02111, NATIONAL INDEMNITY COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 3024 Harney Street, Omaha, Nebraska 68131 and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Connecticut and having an office at 100 First Stamford Place, Stamford, Connecticut 06902 (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: Tiffany Soko, William G. Moody, D. J. Conroy, 1125 Sanctuary Parkway, Suite 300 of the city of Alpharetta, State of Georgia, their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of August 24, 2023. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively. The following seals of the Companies and signatures by an authorized officer of the Company may be affixed by facsimile or digital format, which shall be deemed the equivalent of and constitute the written signature of such officer of the Companies and original seals of the Companies for all purposes regarding this Power of Attorney, including satisfaction of any signature and seal requirements on any and all undertakings, bonds, or other such writings obligatory in the nature thereof, to which this Power of Attorney applies.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY,

NATIONAL INDEMNITY COMPANY, NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

[Signature of David Fields]

[Signature of David Fields]

By: David Fields, Executive Vice President

By: David Fields, Vice President

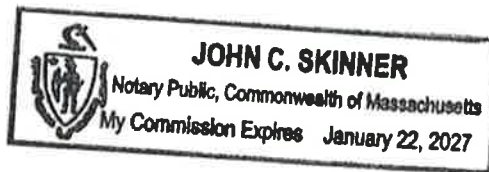


NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 24th day of August, 2023, before me appeared David Fields, Executive Vice President of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY and Vice President of NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]



[Signature of Notary Public]

I, Ralph Tortorella, the undersigned, Officer of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, see hereunto affixed the seals of said Companies this _____



[Signature of Ralph Tortorella]

Ralph Tortorella, Officer

To verify the authenticity of this Power of Attorney please contact us at: BHSI Surety Department, Berkshire Hathaway Specialty Insurance Company, One Lincoln Street, 23rd Floor Boston, MA 02111 | (770) 625-2516 or by email at Jennifer.Porter@bhspecialty.com THIS POWER OF ATTORNEY IS VOID IF ALTERED To notify us of a claim please contact us on our 24-hour toll free number at (855) 453-9675, via email at claims.notice@bhspecialty.com, via fax to (617) 507-8259, or via mail.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)

ARTICLE V.

CORPORATE ACTIONS

....

EXECUTION OF DOCUMENTS:

....

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and
- (2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

NATIONAL INDEMNITY COMPANY (BY-LAWS)

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

STATE OF CALIFORNIA
DEPARTMENT OF INSURANCE

SAN FRANCISCO

Amended

Certificate of Authority

THIS IS TO CERTIFY that, pursuant to the Insurance Code of the State of California,

Berkshire Hathaway Specialty Insurance Company

of Nebraska, organized under the laws of Nebraska, subject to its Articles of Incorporation or other fundamental organizational documents, is hereby authorized to transact within this State, subject to all provisions of this Certificate, the following classes of insurance:

**Fire, Marine, Surety, Disability, Plate Glass, Liability, Workers' Compensation,
Common Carrier Liability, Boiler and Machinery, Burglary,
Sprinkler, Automobile, Aircraft, and Miscellaneous**

as such classes are now or may hereafter be defined in the Insurance Laws of the State of California.

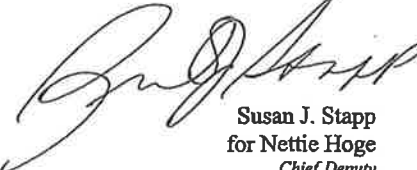
THIS CERTIFICATE is expressly conditioned upon the holder hereof now and hereafter being in full compliance with all, and not in violation of any, of the applicable laws and lawful requirements made under authority of the laws of the State of California as long as such laws or requirements are in effect and applicable, and as such laws and requirements now are, or may hereafter be changed or amended.

IN WITNESS WHEREOF, effective as of the 4th day of September, 2015, I have hereunto set my hand and caused my official seal to be affixed this 4th day of September, 2015.



Dave Jones
Insurance Commissioner

By


Susan J. Stapp
for Nettie Hoge
Chief Deputy

NOTICE:

Qualification with the Secretary of State must be accomplished as required by the California Corporations Code promptly after issuance of this Certificate of Authority. Failure to do so will be a violation of Insurance Code section 701 and will be grounds for revoking this Certificate of Authority pursuant to the covenants made in the application therefor and the conditions contained herein.

ATTACHMENTS

ATTACHMENT A

SCOPE OF WORK

SCOPE OF WORK

1. SCOPE OF WORK:

Install New Equipment Racks

Install one (1) new 48" H x 24" W x 24" D wall mount CPI equipment rack in the small vacant room in the South/East corner of the conference room.

Note: AC power circuit and bonding of equipment rack is not included with this proposal and shall be provided by the City.

- Install one (1) new 48" H x 24" W fire rated backboard behind the new equipment rack.

Install a total of thirty-three (33) new horizontal cables as indicated below.

- Install one cable to eighteen (18) one-cable cubicle data outlet locations.
- Install one cable to seven (07) one-cable office data outlet locations.
- Install one cable to two (02) single-cable MFD printer locations.
- Install one cable to two (02) single-cable WAP locations. WAP locations will be terminated using surface mount device boxes (SMB), and placed in the ceiling space.
- Install four (04) cables to four (04) single-cable conference room locations. Conference room will have one (01) drop on each wall.

All new horizontal cables will be Category 6 plenum-rated unshielded twisted pair (UTP) and will be terminated using the 568A termination scheme, Cable color will be blue.

Install one (1) new RJ-45 data insert at the workstation/WAP end of each new cable. All new data inserts will be unshielded Category 6 rated 8-position RJ-45 modular jacks.

Data insert color will be orange.

- At each cubicle, data inserts will be installed into new faceplate.
- At each wall mount location, data inserts will be installed into new faceplate.
- At each WAP location, data inserts will be installed into new surface mount boxes (SMB).

Patch Panels

All new cables will be terminated onto one (01) new 48-port patch panel. Patch panel will be installed in the new equipment rack described in the previous section.

- One (1) new horizontal wire manager will be provided for the new patch panel.

Provide new patch cables as follows:

- Thirty-three (33) new blue 3-foot Category 6 at the new equipment rack.
- Thirty-three (33) new blue 7-foot Category 6 at the workstation end.

Install patch cables only on the patch panel side; thirty-three (33) in total. The remaining station side patch cables will be left with the client for future installation.

Install New Single-mode Fiber Optic Cabling

- Install up to five hundred (500) feet of Single-Mode 12 Strand Armored Riser Cable. LIU: • Install one (01) 1U Corning LIU in the new 2nd floor IDF

Single-Mode Coupler Panel

- Install up to two (02) Corning 12 Strand Single-Mode coupler panels. One panel will be installed in the new IDF, and one panel will be installed at the existing MDF.

Single-Mode Connectors.

- Install up to twenty-four (24) LC OS2 fiber optic Single-Mode connectors.

Demo of Existing Office Cabling • Demo up to fifty (50) existing UTP cables on the second floor.

WAP Installation - Install up to two (02) customer furnished wireless access points on the second floor.

Expand City network and cables to 2nd floor at 9370 Chesapeake 92123

- 1.1. The Work shall be performed in accordance with:
 - 1.1.1. The Request for Quotes.
2. **LOCATION OF WORK: The location of the Work is as follows: 9370 Chesapeake Dr., San Diego, CA 92123**
3. **CONTRACT TIME:** The Contract Time for completion of the Work shall be 7 working days.

ATTACHMENT B
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ATTACHMENT C
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ATTACHMENT D
PREVAILING WAGES

PREVAILING WAGES

1. **PREVAILING WAGE RATES:** 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.
 - 1.1. **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.
 - 1.1.1. 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.
 - 1.1.2. 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.
 - 1.2. **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. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.
 - 1.3. **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.

1.3.1. Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

1.4. 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.

1.5. 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 contractors 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.

1.6. 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.

1.7. 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."

1.8. 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 Prevailing Wage Unit at 858-627-3200.

1.9. Contractor and Subcontractor Registration Requirements. This project is subject to compliance monitoring and enforcement by the DIR. A contractor or

subcontractor shall not be qualified to quote on, be listed in a quote or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a quote that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

1.9.1. 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 quote protest or grounds for considering the quote non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to quote opening; (2) within twenty-four hours after the quote 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.

1.9.2. By submitting a quote 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 for themselves and all listed subcontractors to the City at the time of quote or proposal due date or upon request.

1.10. Stop Order. For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.

1.11. List of all Subcontractors. The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.

1.12. Exemptions for Small Projects. There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1)
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11 above. (Labor code section 1773.3).

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

1. The **2021 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
 2. The **2021 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
 - a) General Provisions (A) for all Construction Contracts.
-

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-4 INSURANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

5-4 INSURANCE.

1. The insurance provisions herein shall not be construed to limit your indemnity obligations contained in the Contract.

5-4.1 Policies and Procedures.

1. You shall procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You shall maintain this insurance for the duration of this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this Contract.
4. The payment for insurance shall be included in the Contract Price as bid by you. Except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any Work under this

Contract until you have provided and the City has approved all required insurance.

5. Policies of insurance shall provide that the City is entitled to 30 Days (10 Days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.2 Types of Insurance.

5-4.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance shall be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy shall cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

5-4.2.2 Commercial Automobile Liability Insurance.

1. You shall provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles ("Any Auto").
2. All costs of defense shall be outside the limits of the policy.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract as described herein shall be carried only by responsible insurance companies with a rating of, or equivalent to, at least “A-, VI” by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

5-4.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, “surplus lines” carriers only if the carrier is authorized to do business in the State and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers shall be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

5-4.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document shall be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured.

1. You shall provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
2. To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
3. The additional insured coverage for projects for which the Engineer’s Estimate is \$1,000,000 or more shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products,
 - c) your Work, e.g., your completed operations performed by you or on your behalf, or
 - d) premises owned, leased, controlled, or used by you.
4. The additional insured coverage for projects for which the Engineer’s Estimate is less than \$1,000,000 shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,

- b) your products, or
- c) premises owned, leased, controlled, or used by you.

5-4.5.1.2 Primary and Non-Contributory Coverage. The policy shall be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.

5-4.5.1.3 Project General Aggregate Limit. The policy or policies shall be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.

5-4.5.2 Commercial Automobile Liability Insurance.

5-4.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

5-4.6 Deductibles and Self-Insured Retentions. You shall pay for all deductibles and self-insured retentions. You shall disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.

5-4.7 Reservation of Rights. The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this Contract.

5-4.8 Notice of Changes to Insurance. You shall notify the City 30 Days prior to any material change to the policies of insurance provided under this Contract.

5-4.9 Excess Insurance. Policies providing excess coverage shall follow the form of the primary policy or policies e.g., all endorsements.

5-4.11 Workers' Compensation Insurance and Employers Liability Insurance.

1. In accordance with the provisions of §3700 of the California Labor Code, you shall provide at your expense Workers' Compensation Insurance and

Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.

2. Limits for this insurance shall be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which requires every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you shall comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

5-4.11.1. Waiver of Subrogation. The policy or policies shall be endorsed to provide that the insurer will waive all rights of subrogation against the City and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from Work performed by the Named Insured for the City.

ATTACHMENT F

**IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION)
COMPLIANCE (CARB)**

ATTACHMENT F

IN-USE OFF-ROAD DIESEL FUELED FLEET REGULATION (OFF-ROAD REGULATION) COMPLIANCE

The California Air Resources Board (CARB) approved amendments to the Off-Road Regulations which can be found at 13 California Code of Regulations (CCR) sections 2449, 2449.1, and 2449.2. These amendments apply to any person, business, or government agency who owns or operates within California any vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power (max hp) of 25 horsepower (hp) or greater provided that the vehicle cannot be registered and driven safely on-road or was not designed to be driven on-road, even if it has been modified so that it can be driven safely on-road. See 13 CCR section 2449 (b) for the full list of vehicles covered by these Off-Road Regulations.

Beginning January 1, 2024, Contractor shall be subject to the requirements below. No Contractor or public works awarding body, as applicable, shall enter into a contract with a fleet for which it does not have a valid Certificate of Reported Compliance for the fleet and its listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet. Contractor shall comply with the following requirements:

(1) For a project involving the use of vehicles subject to the Off-Road Regulation, Contractor must obtain copies of the valid Certificates of Reported Compliance, as described in 13 CCR section 2449(n), for the fleet selected for this Contract and their listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet and provide copies of such Certificates of Reported Compliance to the City within 10 days of issuance of the Notice of Intent to Award letter. Contractor shall enter into a contract with a fleet for which it does not have a valid Certificates of Reported Compliance for the fleet and its listed subcontractors. City shall not enter into a contract with Contractor until all current Certificates of Reported Compliance for the fleet to be used on this Project are provided by Contractor.

(2) The Certificates of Reported Compliance received by Contractor for this Project must be retained by Contractor for three years after the Project's completion. Upon request by CARB, these records must be provided to CARB within five business days of the request. Additionally, upon request by City, these records must be produced to City within five business days of the request.

(3) For emergency contracts that meet the definition of "emergency operations" as defined in 13 CCR section 2449(c)(18), they are exempt from the requirements in 13 CCR section 2449(i)(1)-(3) and sections (1) and (2) above, but must still retain records verifying vehicles subject to the regulation that are operating on the "emergency operations" project are actually being operated on the project for "emergency operations" only. These records, as described in more detail below in section (B) must be retained by Contractor for three years after completion of the Project and upon request from either CARB or the City, Contractor shall provide those records to the requesting party within five business

days. All other emergency contracts that do not meet the definition of “emergency operations” must comply with the requirements above and 13 CCR section 2449(i)(1) – (3).

A. “Emergency Operations” is defined as:

1. Any activity for a project conducted during emergency, life threatening situations, where a sudden, unexpected occurrence that poses a clear and imminent danger, requiring immediate action to prevent or mitigate the loss or impairment of life, health, property, or an essential public service; or in conjunction with any officially declared disaster or state of emergency, as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized health officer;
2. Any activity for a project conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency; or
3. Operations including repairing or preventing damage to roads, buildings, terrain, and infrastructure as a result of an earthquake, flood, storm, fire, other infrequent act of nature, or terrorism. Routine maintenance or construction to prevent public health risks does not constitute emergency operations under the Off-Road Regulations.

B. The records retained by Contractor for “emergency operations” projects must include:

1. A description of the emergency;
2. The address or a description of the specific location of the emergency;
3. The dates on which the emergency operations were performed; and
4. An attestation by the fleet that the vehicles are operated on the Project for “emergency operations” only.

Beginning January 1, 2024, Contractor is also subject to the requirements described in 13 CCR section 2449(j).

(1) Between March 1 and June 1 of each year, Contractor must collect new valid Certificates of Reported Compliance for the current compliance year, as defined in 13 CCR section 2449(n), from all fleets that have an ongoing contract with Contractor as of March 1 of that year. Contractors shall not write contracts to evade this requirement.

(2) Contractor shall only allow fleets with valid Certificates of Reported Compliance on the Contractor's job sites.

(3) If Contractor discovers that any fleet intending to operate vehicles subject to this regulation for Contractor does not have a valid Certificate of Reported Compliance, as defined in 13 CCR section 2449(n), or if Contractor observes any noncompliant vehicles

subject to the regulation on Contractor's job site, then Contractor must report the that to CARB at <https://calepacomplaints.secure.force.com/complaints/Complaint>, or email dieselcomplaints@arb.ca.gov, for each fleet without a valid Certificate of Reported Compliance or each noncompliant vehicle, as applicable, within five business days of such discovery. See 13 CCR 2449(n) for the information required to be disclosed to CARB when reporting non-compliance.

(4) Upon request by CARB, Contractor must immediately disclose to CARB the name and contact information of each responsible party for all vehicles subject to this regulation operating at the job site or for Contractor.

(5) Contractor shall prominently display signage for any project where vehicles subject to this Off-Road Regulation will operate for 8 calendar days or more. The signage must be posted by the eighth calendar day from which the first vehicle operates. The signage will be in lettering larger than size 14-point type and displayed in a conspicuous place where notices to employees are customarily posted at the job site or where there is employee foot traffic. If one of the above locations is also viewable by the public, it should be posted at that location. An exemption to this posting requirement is permitted if the operational time of a project is 7 calendar days or less. The signage must include the following language, verbatim:

(A) "Who does the In-Use Off-Road Regulation Apply to?

The In-Use Off-Road Diesel-Fueled Fleets Regulation (Off-Road Regulation) applies to all self-propelled off-road diesel vehicles 25 horsepower or greater and most two-engine vehicles (except on-road two-engine sweepers) owned or operated in California. This includes vehicles that are rented or leased (rental or leased fleets)."

(B) "In-Use Off-Road Regulation Requirements

Idling Limit: Vehicles cannot idle longer than five minutes. There are exceptions for vehicles that need to idle to perform work.

Labeling: Vehicles must be labeled with a CARB assigned equipment identification number (EIN). The EIN shall be white on a red background, unless the vehicle is part of a captive attainment area fleet, in which case the EIN shall be white on a green background.

The EIN shall be located in clear view on both sides of the outside of the vehicle."

ATTACHMENT G
CONTRACT AGREEMENT

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Vector USA, herein called "Contractor" for construction of Cabling for 2nd Floor at Chesapeake; Contract No. M-24-0082; in the amount of Twenty Four Thousand Nine Hundred Fifty Nine Dollars and Twenty Two Cents (\$24,959.22), which is comprised of the quote.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

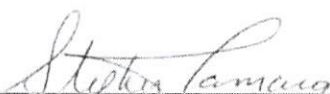
1. The following are incorporated into this contract as though fully set forth herein:
 - (a) Payment Bond.
 - (b) Proposal included in the Quote documents by the Contractor.
 - (c) Reference Standards listed in the Instruction to Contractors and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled [Cabling for 2nd Floor at Chesapeake], on file in the office of the Purchasing & Contracting Department.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner [Cabling for 2nd Floor at Chesapeake, M-24-0082], San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee and City Attorney signs the agreement.

CONTRACT AGREEMENT (continued)

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM

By 

Mara W. Elliott, City Attorney

By 

Print Name: Stephen Samara

Print Name: Nicole M. Denow

Principal Contract Specialist

Deputy City Attorney

Purchasing & Contracting Department

Date: 6/6/2024

Date: June 10, 2024

CONTRACTOR

By 

Print Name: Robert Messinger

Title: Executive Vice President

Date: May 16, 2024

City of San Diego License No.: B2003022675

State Contractor's License No.: 654046

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000002893

CERTIFICATIONS AND FORMS

The Contractor, by submitting its electronic quote, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certifications, forms and affidavits submitted as part of this quote are true and correct.

Contractor's General Information

To the City of San Diego:

Pursuant to "Notice Inviting Quotes", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this quote is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the quote is genuine and not collusive or sham; that the Contractor has not directly or indirectly induced or solicited any other Contractor to put in a false or sham quote, and has not directly or indirectly colluded, conspired, connived, or agreed with any Contractor or anyone else to put in a sham quote, or that anyone shall refrain from bidding; that the Contractor has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the quote price of the Contractor or any other Contractor, or to fix any overhead, profit, or cost element of the quote price, or of that of any other Contractor, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the quote are true; and, further, that the Contractor has not, directly or indirectly, submitted his or her quote price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, quote depository, or to any member or agent thereof to effectuate a collusive or sham quote.

The undersigned Contractor(s) further warrants that Contractor(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its quote proposal, Contractor(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY CONTRACTOR AND SUBMITTED WITH
QUOTE UNDER 23 UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106**

State of California

County of San Diego

The Contractor, being first duly sworn, deposes and says that he or she is authorized by the party making the foregoing quote that the quote is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the quote is genuine and not collusive or sham; that the Contractor has not directly or indirectly induced or solicited any other Contractor to put in a false or sham quote, and has not directly or indirectly colluded, conspired, connived, or agreed with any Contractor or anyone else to put in a sham quote, or that anyone shall refrain from bidding; that the Contractor has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the quote price of the Contractor or any other Contractor, or to fix any overhead, profit, or cost element of the quote price, or of that of any other Contractor, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the quote are true; and further, that the Contractor has not, directly or indirectly, submitted his or her quote price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, quote depository, or to any member or agent thereof to effectuate a collusive or sham quote.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 5-1.3, "Drug-Free Workplace", of the project specifications, and that;

This company has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act", of the project specifications, and that:

This company has in place workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this quote, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

CONTRACTOR CERTIFICATION

Equal Benefits Ordinance Certification

I declare under penalty of perjury that I am familiar with the requirements of and in compliance with the City of San Diego Municipal Code § 22.4300 regarding Equal Benefits Ordinance.

CONTRACTOR CERTIFICATION

Equal Pay Ordinance Certification

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

CONTRACTOR CERTIFICATION

In-Use Off-Road Diesel Fueled Fleet Regulation (Off-Road Regulation) Compliance

I hereby certify that Contractor is familiar with the requirements 13 CCR 2449, 2449.1, and 2449.2, as well as Attachment F, In-Use Off-Road Diesel Fueled Fleet Regulation (Off-Road Regulation) Compliance (CARB), and that Contractor shall comply with these requirements.

I further certify that each of the Contractor's listed subcontractors is familiar with these requirements and shall also comply.

ELECTRONICALLY SUBMITTED FORMS

THE FOLLOWING FORMS MUST BE SUBMITTED IN PDF FORMAT WITHIN 3 WORKING DAYS OF THE NOTICE OF INTENT TO AWARD (NOI)

The following forms are to be completed by the Contractor and submitted electronically.

- A. CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS**
- B. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- C. LIST OF SUBCONTRACTORS (INCLUDING TIER)**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTORS**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS**

Quotes will not be accepted until ALL the above-named forms are submitted.

Plaintiff claimed that VectorUSA discriminated against him and claimed damages from said discrimination.

CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

As part of its quote, the Contractor shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Contractor in a legal or administrative proceeding alleging that Contractor 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 Contractor has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Contractor has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor 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
01/08/2020	Los Angeles	Plaintiff claimed that VectorUSA discriminated against him and claimed damages from said discrimination.	Y	Complete	VectorUSA settled the case at mediation for \$25,000 which was paid to Plaintiff and his attorneys.

Contractor Name: Vector Resources Inc., dba VectorUSA

Certified By Robert Messinger Title Executive Vice President

Name



Signature

Date May 16, 2024

USE ADDITIONAL FORMS AS NECESSARY

Mandatory Disclosure of Business Interests Form

CONTRACTOR/PROPOSER INFORMATION

Legal Name		DBA	
Vector Resources Inc.		VectorUSA	
Street Address	City	State	Zip
9808 Waples Street	San Diego	California	92121
Contact Person, Title		Phone	Fax
Debi Preece, Strategic Accounts Manager		(619) 917-6465	

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103).

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction,
- the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and
- any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or
- directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
David Zukerman	President
City and State of Residence	Employer (if different than Contractor/Proposer)
Torrance, California	
Interest in the transaction	
33%	

Name	Title/Position
Jeffrey Zukerman	Executive Vice President & Secretary
City and State of Residence	Employer (if different than Contractor/Proposer)
Torrance, California	
Interest in the transaction	
33%	

*** Use Additional Pages if Necessary ***

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Robert Messinger, Executive Vice President



5/16/2024

Print Name, Title

Signature

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

Mandatory Disclosure of Business Interests Form

Name	Title/Position
Robert Messinger	Executive Vice President
City and State of Residence	Employer
Torrance, California	
Interest in the transation	
33%	

LIST OF SUBCONTRACTORS (INCLUDING TIER)

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the California Public Contract Code (PCC), the Contractor is to list below the name, address and license number of each Subcontractor who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement, in an amount of or in excess of 0.5% of the Contractor's total Bid. The Contractor is to list only one Subcontractor for each portion of the Work. The Contractor's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percentage of the Work to be performed with the Contractor's own forces. In addition, the Contractor is to list below the name address, license number, DIR registration of any known tiered subcontractors who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract. It is the responsibility of the Contractor to notify the City of any additional subcontractors, including tiered, that are utilized on the project as soon as it is known.

If no subcontractors are being utilized for this contract, please fill in form using "N/A" (not applicable) and submit accordingly. Use of "N/A" for work that exceeds 0.5%, or failure to list a subcontractor for work that exceeds 0.5% of the Contractor's total Bid indicates the Contractor will self-perform the work.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	SUB TYPE (C or D*)	DIR REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	IDENTIFICATION OF SUB TIER LEVEL (1 ST , 2 ND , 3 RD , ETC.) **	NAME OF CONTRACTOR REPORTING TO
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____	N/A						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

*C - Constructor (builder)

*D - Designer (Preparing or modifying designs for construction projects)

** 1st tier means subcontractor is reporting directly to the prime contractor. 2nd tier means the subcontractor is reporting to the 1st tier subcontractor, and so on.

**** USE ADDITIONAL FORMS AS NECESSARY ****

DEBARMENT AND SUSPENSION CERTIFICATION

EFFECT OF DEBARMENT OR SUSPENSION
To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible Contractors and contractors. In accordance with San Diego Municipal Code §22.0814 (a): <i>Contractors and contractors</i> who have been <i>debarred or suspended</i> are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving <i>contract awards</i> , executing <i>contracts</i> , participating as a <i>subcontractor</i> , employee, agent or representative of another <i>person</i> contracting with the City.

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Contractor shall provide to the City a list of Names of the Principal Individual owner(s).

The names of all persons interested in the foregoing proposal as Principals are as follows:

NAME	TITLE
David Zuker,am	President
Jeffrey Zukerman	Executive Vice President & Secretary
Robert Messinger	Executive Vice President

IMPORTANT NOTICE: If Contractor or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Contractor or other interested person is an individual, state first and last names in full.

The Contractor, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, Insert the exceptions in the following space.

Exceptions will be considered in determining Contractor responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: Vector Resources Inc., dba VectorUSA

Certified By Robert Messinger Title Executive Vice President

Name

 Signature

Date May 16, 2024

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY CONTRACTOR
IF NONE PLACED N/A ON FORM

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Contractor shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor, supplier, and/or manufacturer:**

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE
NA	

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

SUBCONTRACTOR SUPPLIER MANUFACTURER

NAME	TITLE

Contractor Name: Vector Resources Inc., dba VectorUSA

Certified By Robert Messinger Title Executive Vice President

Name



Signature

Date May 16, 2024

USE ADDITIONAL FORMS AS NECESSARY

Statement of Work

VectorUSA will provide all materials, labor and equipment required to perform the tasks listed below.

This proposal is based on the project completion no later than May 31, 2024. If the project continues beyond May 31, 2024, PW rates have a set increase and a change order will be provided for the additional labor costs.

Install New Equipment Racks

Install one (1) new 48" H x 24" W x 24" D wall mount CPI equipment rack in the small vacant room in the South/East corner of the conference room. **Note: AC power circuit and bonding of equipment rack is not included with this proposal and shall be provided by the City.**

- Install one (1) new 48" H x 24" W fire rated backboard behind the new equipment rack.

Install New Horizontal Cabling

Cabling

Install a total of thirty-three (33) new horizontal cables as indicated below.

- Install one cable to eighteen (18) one-cable cubicle data outlet locations.
- Install one cable to seven (07) one-cable office data outlet locations.
- Install one cable to two (02) single-cable MFD printer locations.
- Install one cable to two (02) single-cable WAP locations. WAP locations will be terminated using surface mount device boxes (SMB), and placed in the ceiling space.
- Install four (04) cables to four (04) single-cable conference room locations. Conference room will have one (01) drop on each wall.

All new horizontal cables will be Category 6 plenum-rated unshielded twisted pair (UTP) and will be terminated using the 568A termination scheme, unless otherwise noted. Cable color will be blue.

Data Inserts

Install one (1) new RJ-45 data insert at the workstation/WAP end of each new cable. All new data inserts will be unshielded Category 6 rated 8-position RJ-45 modular jacks. Data insert color will be orange.

- At each cubicle, data inserts will be installed into new faceplates.
- At each wall mount location, data inserts will be installed into new faceplates.
- At each WAP location, data inserts will be installed into new surface mount boxes (SMB).

Patch Panels

All new cables will be terminated onto one (01) new 48-port patch panel. Patch panel will be installed in the new equipment rack described in the previous section.

- One (1) new horizontal wire manager will be provided for the new patch panel.

Patch Cables

VectorUSA will provide new patch cables as follows:

- Thirty-three (33) new blue 3-foot Category 6 at the new equipment rack.
- Thirty-three (33) new blue 7-foot Category 6 at the workstation end.

Vector will install patch cables only on the patch panel side; thirty-three (33) in total. The remaining station side patch cables will be left with the client for future installation.

Install New Single-mode Fiber Optic Cabling

Cabling

- Install up to five hundred (500) feet of Single-Mode 12 Strand Armored Riser Cable.

LIU

- Install one (01) 1U Corning LIU in the new 2nd floor IDF. Note: VectorUSA will use existing fiber optic enclosure at the 1st floor MPOE for the other end of the fiber optic cable. **Note: if an enclosure is not available, VectorUSA can provide a change-order for one (01) additional LIU enclosure.**

Single-Mode Coupler Panel

- Install up to two (02) Corning 12 Strand Single-Mode coupler panels. One panel will be installed in the new IDF, and one panel will be installed at the existing MDF.

Single-Mode Connectors

- Install up to twenty-four (24) LC OS2 fiber optic Single-Mode connectors.

Demo of Existing Office Cabling

- Demo up to fifty (50) existing UTP cables on the second floor.

WAP Installation

- Install up to two (02) customer furnished wireless access points on the second floor. **Note: customer must provide WAP's and mounts; configuration, licensing and wireless heatmap not included with this proposal.**

CAD

- Provide a complete CAD drawing of the 2nd floor, showing complete VectorUSA provided installation, including Category 6 cable drop locations, Category 6 cable pathways, Single-Mode fiber optic cable pathways, and new wall mount data rack.

Labeling and Testing

Label and test all newly installed copper and fiber optic cables in accordance with all applicable industry standards and best practices for Category 6 copper cabling and OS2 single-mode fiber optic cabling, along with specific end user requirements.

Pathways

Cable hangers, J-hooks, or other supporting assemblies will be installed within work area spaces to properly secure and support all horizontal cables. Within the ceiling space, supports will be installed every 4-5 ft. or as needed.

No cables will be attached to support wires for ceiling tile grid, support assemblies for electrical conduits or the conduits themselves, or support assemblies for fire protections systems.

All new or existing pathways utilized by new cable will be fire-stopped as needed in according with all applicable codes, standards, and industry best practices

Deliverables

Upon completion of work outlined in the Statement of Work, VectorUSA will provide the client with a closeout package containing the following documentation:

Closeout Documentation Checklist			
Included	Not Included	Description	Notes
<input checked="" type="checkbox"/>	<input type="checkbox"/>	As-Built Drawings	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Test Results	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Manufacturer Cable Warranty	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Inspection Report	

Assumptions

VectorUSA assumes the following in the development of this proposal:

- 120V AC circuit in the new 2nd floor IDF will be provided by others.
- Customer will provide WAP's and mounts.
- Wireless configurations are not required.
- Wireless heatmap of new WAP's is not required.
- Existing 1st floor MPOE has one (01) LIU space available for the new fiber optic cable.
- Conduit cable pathway is not required for this installation.
- Raceway cable pathway is not required for this installation.
- No more than 500' of SM fiber optic cable is required for this installation.
- Project completion will be no later than May 31, 2024. If the project continues beyond May 31, 2024, PW rates have a set increase and a change order will be provided for the additional labor costs.

Exclusions

- VectorUSA has not included 120V AC circuit for the new 2nd floor IDF with this proposal.
- VectorUSA excludes WAP's and WAP mounts from this proposal.
- VectorUSA excludes wireless configurations from this proposal.
- VectorUSA excludes wireless heatmap from this proposal.
- VectorUSA excludes 1st floor MPOE LIU from this proposal.
- VectorUSA excludes conduit cable pathway from this proposal.
- VectorUSA excludes raceway cable pathway from this proposal.
- VectorUSA excludes fiber optic cable footages beyond the included 500' from this proposal.

Definitions

As-Built Drawings: As-built drawings are revised drawing sets submitted by a contractor upon completion of a job. They serve to document all changes made during the construction process and allow contractors to track changes as work is performed. Any logical diagrams, schematics, or line diagrams produced during the installation of the project are included.

Inspection report: Inspection reports outline the inspection of a project, ensuring that its installation process, products, and methods meet a specific set of standards. These standards may be codes, industry-established standards, construction details, client preferences, or internal standards. The inspection report also cites project status and outstanding areas of improvement along with specific correction recommendations. Upon correction, a secondary inspection is issued to verify compliance to stated requirements.

Test Results: VectorUSA will provide the client with all test results including cable tests for continuity and performance. Certified “Pass” or “Fail” results are generated using a certified and calibrated test unit which determines whether a link is compliant with a category (TIA) or class (ISO); for example, category 6 or class E.

Permanent Link Certification: Permanent link certification tests the permanent portion of the channel which is the cable and terminations that exist between the patch panel and user outlet. It does not test the patch cables since these are not permanent and can be moved. The maximum permitted length of the permanent link is 90 meters.

Permanent link testing is preferred over channel testing since permanent links are considered the true foundation of the network. While this may not seem intuitive since proper data transmission relies on the performance of the entire channel, industry standards offer more headroom in the channel due to patch cords being the weakest link. This means that when channel testing with quality patch cords, the channel can pass even if the permanent link has failed.

Channel Certification: Channel certification tests the connection from one active device to another (think switch to server or switch to laptop), and it includes any patch cords and equipment cords. In the data center, the channel would include any cable between two switches or between a switch and server and any patch cords used for cross-connects or interconnects. In the LAN, this would include any cable between the switch in the telecom room and the end device, including any patch cords from the switch to a patch panel and any equipment cords from the outlet to end device. The maximum permitted length of the channel is 100 meters.

Butterfly Diagrams: Butterfly diagrams are flat, two-dimensional depictions of a manhole or handhole showing the wall positions of ducts/conduits, duct types, and identifiers for each duct in the duct bank. These diagrams can also depict Cable ID and routing information, splice housings, service loops, vault dimensions and any other active or inert equipment.

Fiber Line Diagram: Fiber line diagrams are flat, two-dimensional depictions of vertical fiber cables, representing start and end points, pathway variations, and all applicable splice/termination points.

Splicing Worksheet: Splicing worksheets are spreadsheets or matrices containing fiber optic cable and strand counts, fiber types, and building locations.

Manufacturer Cable Warranty: Manufacturer cable warranties financially cover specific components that break down due to flaws and defects within the product itself. These are typically offered as a Standard option providing 1-Year coverage, or an Extended option that may cover up to twenty-five (25) years of coverage if properly tested and certified – receiving a “Pass” on all standard parameters.

Project Pricing

City of San Diego
 Cabling for 2nd floor at Chesapeake
 -002 Refresh - Proposal Revision; Reduce

DETAILED PRICING

VRN-118951-004

Material Description	Units	Unit Price	Material	Labor	Total
HORIZONTAL INSTALLATION					
Telecommunications Outlet					
1 Port Faceplate White	31	1.83	56.73	232.50	289.23
Cat6 Plenum Cable - Blue	6,000	0.33	1,980.00	2,700.00	4,680.00
2" J Hook w/Multifunction Clip	100	6.32	632.00	750.00	1,382.00
6FT Ceiling Wire w/Nail	100	1.19	119.00	300.00	419.00
48 Ports, 8 Wire Cat 6, T568A/B, Black SYSTIMAX Patch Panel	1	396.6	396.60	360.00	756.60
Horizontal Trough Kit, 2 RU, 19 in, single sided	1	118	118.00	22.50	140.50
1 Port Surface Mount Box - White	2	3.54	7.08	15.00	22.08
CAT6 Uniprise Insert Orange	33	7.45	245.85	396.00	641.85
3 FT Cat6 Patch Cord - Blue	33	9.44	311.52	247.50	559.02
10 FT Cat6 Patch Cord - Blue	33	12.34	407.22	247.50	654.72
Fire Barrier Putty	5	29.5	147.50	225.00	372.50
Screw On Mounting Bracket	13	0	0.00	292.50	292.50
Sub-Total			4,421.50	5,788.50	10,210.00
FIBER OPTIC INSTALLATION					
1U Rack Mount Fiber Enclosure	1	277.99	277.99	90.00	367.99
12 Strand SM Interlocking Armored Riser Cable	500	1.81	905.00	937.50	1,842.50
Blank Adapter Panel CCH Enclosure	2	15.7	31.40	45.00	76.40
12 Port LC Single Mode Coupler Panel	2	125.88	251.76	45.00	296.76
LC Single Mode Anaerobic Connector	24	13.46	323.04	432.00	755.04
3M LC/LC Single Mode Fiber Jumper	2	11.21	22.42	15.00	37.42
Sub-Total			1,811.61	1,564.50	3,376.11
WALL MOUNT RACK INSTALLATION					
4x4ft 3/4 Plywood Fire Rated A-C Painted	1	118	118.00	135.00	253.00
48IN x 24IN x 24IN Cube It Cabinet Black	1	1,181.44	1,181.44	720.00	1,901.44
Sub-Total			1,299.44	855.00	2,154.44
MISCELLANEOUS COSTS					
Misc. Installation Material & Labor	1	348.1	348.10	360.00	708.10
Mobilization	1	0	0.00	180.00	180.00
Sub-Total			348.10	540.00	888.10
PROFESSIONAL SERVICES					
Pre-Installation Site Discovery	1	0	0.00	360.00	360.00
UTP Testing & Labeling	33	0.12	3.96	396.00	399.96
Fiber Optic Testing & Labeling	12	0.12	1.44	198.00	199.44
Existing Cable Demo	50	0	0.00	2,250.00	2,250.00
Customer Provided WAP Installation	2	0	0.00	180.00	180.00
CAD	1	0	0.00	1,080.00	1,080.00
Project Management	1	0	0.00	3,000.00	3,000.00
Sub-Total			5.40	7,464.00	7,469.40
BONDS					
Bond Cost	1	250	250.00	0.00	250.00
Sub-Total			250.00	0.00	250.00
PROJECT SUB-TOTAL			8,136.05	16,212.00	24,348.05
SALES TAX					611.17
PROJECT TOTAL					24,959.22