

STATEMENT OF WORK (SOW)
U.S. DEPARTMENT OF VETERANS AFFAIRS NORTHERN CALIFORNIA
HEALTH CARE SYSTEM (VANHCBS), MATHER.

PROVIDE UTILITIES FOR T8 TRAILER
PROJECT# 612-122

1. INTRODUCTION/BACKGROUND:

a. The intent of this project is to provide, install and connect general utilities to the T-8 trailer on the Mather VA campus.

2. OBJECTIVE:

a. This project requires qualified construction service expertise to provide all the necessary connections for all the utilities (electric/water connection/plumbing/data) and life safety requirements.

b. The operational needs of T8 must meet the VA requirements for Patient Care. This project must meet all codes in order for occupation of VA medical staff and patients in this facility.

3. MAJOR REQUIREMENTS:

a. In order for the Contractor to accomplish the work under this task order/purchase order, it shall be necessary for the Contractor to complete the following tasks:

1. Fire alarm – Provide 7 horn strobes, 3 strobes, 5 pull stations, 2 smoke detectors, 1 flow switch, 1 tamper switch, booster panel, and M500S monitor module (or equivalent). Fire alarm panel to be located in the Electrical room and tie into the Secutron fire alarm panel in Bldg. 647. See attached drawings and specifications for details.
2. Electrical – Extend electrical per attached drawings and specifications.
3. Sewer – Provide piping and pump station per attached drawings and specifications.
4. Water – Connect domestic water per attached drawings and specifications.
5. Fire sprinkler – Connect sprinkler water per attached drawings and specifications

6. Voice, data and fiber – The vendor shall outfit IT closet in building T-8 and pull Data Cat 6 cable throughout Building T-8. See attached drawings and specifications.

6.1 The vendor will install 6 pair Fiber (OSP) and 25 Pair Cat 3 (OSP) cable from Bldg. 649 to building T-8 IT closet.

6.2 The vendor will install Berk-Tek Cat 6 LanMARK 1000 plenum rated cable (or equivalent) to 136 locations in Building T-8, Mather. Cable to be installed tested and terminated on both ends.

6.3 The locations will be pulled 3 cables. (3 Data).

6.4. The cables will be installed from the location to the IT closet located in the building.

6.5 The cables will be identified by using blue colored cable for Data.

6.6 The vendor will install (2) 2-post Chatsworth (or equivalent) racks with vertical and horizontal wire-minder. Horizontal will be 1U minimum. Vertical wire-minder will be double-sided, located on left/right and middle of racks.

6.7 The Data will be terminated in the IT on Cat 6 rated Ortronics (or equivalent) patch panels. Labeling on patch panel will begin with 1A, 1B, 1C, 2A, 2B, 2C.. .etc.

6.8 The Copper cable pairs (24 of 25) are to be terminated on Cat 6 rated Ortronics (or equivalent) patch panel and labeled accordingly.

6.9 The Data terminations at the station area will be terminated T568A configuration using Avaya / Systimax Cat 6 (or equivalent) connectors: Tan in color.

6.10 The locations will have tan Avaya / Systimax (or equivalent) faceplates and be labeled accordingly. Labels to match current hospital standards. (See IT for all labeling)

6.11 Vendor to supply Cat 6 patch cords for 50% (or 100 count; whichever is less) of available connections. Patch cords to be Yellow in color, 50% 7ft and 50% 10ft.

6.12 All Data cable should be laid in already installed cable tray. Any place where there is no cable tray; hangers will need to be installed by vendor.

6.13 All cable to be neatly ran and bundled together per hospital standards.

Station Locations subject to change

- 6.14 All existing cable that has been cut out of use will be removed and disposed of by vendor.
- 6.15 Vendor to supply Fiber patch panel, connections and patch cord (for 62.5mm, Multi-Mode, SC Connectors, OSP)
- 6.16 Vendor will supply fire-retardant board per VA regulations.
- 6.17 Vendor will install NEMA 5-20P (or equivalent) electrical outlets (emergency power), minimum of two on rack, and two on walls.
- 6.18 Vendor will provide (1) UPS Model APC SUA2200XL (or equivalent).
- 6.19 Punch down P.568A configuration on all cabling. Test all cable to hospital standards,
- 6.20 All wire to be neat and orderly matching or better than hospital standards.
- 6.21 Removal of ceiling tile will be required to install all cabling. Vendor will be responsible for replacement of all ceiling tiles removed by the Vendor, in the same condition as before tile was removed. Vendor will be responsible, replacing any broken or damaged ceiling tiles and ceiling grid.
- 6.22 Various locations of cabling may require the vendor to cut holes in walls. Vendor will supply all B-line faceplate adapters (or equivalent) required to fulfill the job requirements. Locations that will require cut-in will be shown to vendor prior to installation of cabling.
- 6.23 install Berk-Tek Cat 6 LariMARK 1000 plenum cable (or equivalent) for Data to the station location in Building T-8.
- 6.24 Vendor will install 3 cables for Data to each location. Use blue Berk-Tek (or equivalent) plenum cable for Data,
- 6.25 In the IT Closet, Data and Copper Pairs will be terminated on the Cat 6 Patch panel including standoffs, wire minders.
- 6.26 At the station end, each cable will be terminated on Cat 6 Avaya/Systimax (or equivalent) Ri4/3 jacks; T568A configuration. The Data jacks will be tan.
- 6.27 The station location will have tan Avaya/Systimax (or equivalent) face plates.
- 6.28 All locations and patch panels are to be labeled accordingly.
- 6.29 All cables will be laid on cable tray where available.

6.30 When a cable run cannot be placed on a cable tray, the vendor will need to install a hanger and place the cable in the hanger. Cables are not to be resting on lights or equipment in the ceiling.

6.31 All cable installation will need to be installed neatly and orderly to meet VA hospital standards.

6.32 All cable fiber/copper will be installed, terminated and tested to current standards. Vendor must provide all material to install, terminate and test all cable.

6.33 The vendor must supply all hardware/personnel needed to complete the Job.

6.34 All cable test results will be submitted to VA POC (*Stanley Schrock/Johnny Neely*).

6.35 IT requires a complete walk through of the job before contractor begins work due to the complexity of the work to be completed.

6.36 Contractor to verify all cable counts are correct before beginning any work.

4. MEETINGS AND REVIEWS:

a. There will be scheduled meeting weekly with the COR ensuring all parts of the installation are on schedule and minimizing impact to patient services.

5. CONTRACTING OFFICER'S REPRESENTATIVE (COR):

a. The government representative for this project will be Rodney Rickert (916) 843 9319 or email Rodney.Rickert2@va.gov . All on-site visits and work must be coordinated through the GOV representative.

b. No Government personnel, other than the Contracting Officer, have the authority to change or alter these requirements. The COR shall clarify technical points or supply relevant technical information, but no requirements in this scope of work may be altered as a sole result of such verbal clarification.

6. REPORTS/DELIVERABLES/ SUBMITTALS:

a. Submittals to be reviewed and approved by Rodney Rickert.

7. PERIOD OF SERVICE:

a. Project duration for this project is with 60 days.

8. SECURITY and SAFETY:

- a. Provide a list of all workers, with a copy of their driver's license or other acceptable picture ID.
- b. Ensure all employees have a VA approved ID with a lanyard or acceptable clip device: ID must be worn in a visible location above the waist at all times when on campus.
- c. Provide a copy of the PM's 30 hour OSHA safety course certification.
- d. Ensure that for every trade working, an OSHA competent person in that trade is on-site as well.
- e. It's mandatory that hard hats be worn at all times within construction areas on federally owned property. Ensure all employees are aware of this.... there are no exceptions.
- f. Ensure the project site is managed by a PM at all times- if the primary PM must leave the site, an alternate must be designated via email.
- g. Ensure a VA approved safety officer inspects the project site at least once a week and provides a report with any findings and a timeline to correct.

9. Records Management Language for Contracts Required

The following standard items relate to records generated in executing the contract and should be included in a typical Electronic Information Systems (EIS) procurement contract:

- a. Citations to pertinent laws, codes and regulations such as 44 U.S.C chapters 21, 29, 31 and 33; Freedom of Information Act (5 U.S.C. 552); Privacy Act (5 U.S.C. 552a); 36 CFR Part 1222 and Part 1228.
- b. Contractor shall treat all deliverables under the contract as the property of the U.S. Government for which the Government Agency shall have unlimited rights to use, dispose of, or disclose such data contained therein as it determines to be in the public interest.
- c. Contractor shall not create or maintain any records that are not specifically tied to or authorized by the contract using Government IT equipment and/or Government records.

- d. Contractor shall not retain, use, sell, or disseminate copies of any deliverable that contains information covered by the Privacy Act of 1974 or that which is generally protected by the Freedom of Information Act.
- e. Contractor shall not create or maintain any records containing any Government Agency records that are not specifically tied to or authorized by the contract.
- f. The Government Agency owns the rights to all data/records produced as part of this contract.
- g. The Government Agency owns the rights to all electronic information (electronic data, electronic information systems, electronic databases, etc.) and all supporting documentation created as part of this contract. Contractor must deliver sufficient technical documentation with all data deliverables to permit the agency to use the data.
- h. Contractor agrees to comply with Federal and Agency records management policies, including those policies associated with the safeguarding of records covered by the Privacy Act of 1974. These policies include the preservation of all records created or received regardless of format [paper, electronic, etc.] or mode of transmission [e-mail, fax, etc.] or state of completion [draft, final, etc.].
- i. No disposition of documents will be allowed without the prior written consent of the Contracting Officer. The Agency and its contractors are responsible for preventing the alienation or unauthorized destruction of records, including all forms of mutilation. Willful and unlawful destruction, damage or alienation of Federal records is subject to the fines and penalties imposed by 18 U.S.C. 2701. Records may not be removed from the legal custody of the Agency or destroyed without regard to the provisions of the agency records schedules.
- j. Contractor is required to obtain the Contracting Officer's approval prior to engaging in any contractual relationship (sub-contractor) in support of this contract requiring the disclosure of information, documentary material and/or records generated under, or relating to, this contract. The Contractor (and any sub-contractor) is required to abide by Government and Agency guidance for protecting sensitive and proprietary information.

10. CONTRACT WORK HOURS:

Normal work hours for the contract are from 6:00 AM to 5:00 PM Monday through Friday, unless specifically noted otherwise. Contractor shall exclude from the normal work week the following listed holidays or the days observed in lieu thereof by the Department of Veterans Affairs:

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| New Year's Day | Presidents' Day |
| Martin Luther King's Birthday | Memorial Day |
| Independence Day | Labor Day |
| Columbus Day | Veterans Day |

Thanksgiving Day

Christmas

...and other days specifically declared by the President of the United States to be National Holidays. Contractor may request alternate work hours and work days in writing to the contracting officer.