

September 6, 2017

Attn: CSULA
Dena Florez
5154 State University Drive, U-SU 203
Los Angeles, CA 90032

Proposal# 17-30434

Re: CSULA Student Union 2nd Floor

Dear Ms. Florez,

CSI Electrical Contractors, Inc., (Technology Solutions Group) is pleased to provide you with the following firm and fixed price for your consideration. Prices listed include all materials, sales tax, labor, tools, and equipment to perform installation. We are confident with our significant wireless, cabling, data, and voice network infrastructure expertise, CSI will guarantee a seamless installation that is on time and on budget. Thank you for the consideration and if you should have any questions, please do not hesitate to contact us.

Scope of Work

Quote #1

- Section one: Provide labor and materials to install, terminate and test (6) new Cat-6 data cables.
- Section one: Provide labor and materials to install, terminate and test (2) new Cat-6 voice cables.
- Section two: Provide labor and materials to install, terminate and test (8) new Cat-6 data cables.
- Section two: Provide labor and materials to install, terminate and test (2) new Cat-6 voice cables.
- Section three: Provide labor and materials to install, terminate and test (5) new Cat-6 data cables.
- Section three: Provide labor and materials to install, terminate and test (5) new Cat-6 voice cables.

Total of (28) new Cat-6 to be installed.

Project Price: \$7,363.00 Dollars

Quote #2

- Section one: Provide labor and materials to extend, (6) existing Cat-6 data cables into the cubicles.
- Section one: Provide labor and materials to extend, (2) existing Cat-6 voice cables into the cubicles.
- Section two: Provide labor and materials to install, terminate and test (8) new Cat-6 data cables.
- Section two: Provide labor and materials to install, terminate and test (2) new Cat-6 voice cables.

HEADQUARTERS: 10623 Fulton Wells Ave, Santa Fe Springs, CA 90670
P: 562-946-0700 F: 562-946-0701

PALMDALE OFFICE: 41769 11th Street West, Suite B, Palmdale, CA 93551
P: 661-723-0869 F: 661-723-0361

SAN JOSE OFFICE: 1625 Remuda Lane, San Jose, CA 95112
P: 408-641-2500 F: 408-451-9462

- Section three: Provide labor and materials to install, terminate and test (5) new Cat-6 data cables.
- Section three: Provide labor and materials to install, terminate and test (5) new Cat-6 voice cables.

Total of (20) new Cat-6 to be installed.

Extend (8) existing Cat-6 cables into the cubicles.

Project Price: \$6,199.00 Dollars

Caveats and Assumptions

1. CSI Electrical Contractors (Technology Solutions Group) shall provide sufficient trained staff.
2. All cables shall be neatly dressed, secured, and concealed throughout the installation.
3. CSI will number data and fiber cables in a consecutive and sequential manner for each telecom room.
4. Using a Category 5e/6/6A Level 3, DTX1800 LAN Scanner, all copper station cables will be tested to verify the installation complies with the performance requirements of ANSI/TIA-568-B.2 Category 5e/6/6A and/or the most recent industry tests for installed installations.
5. Cabling shall be suspended in the ceiling above the air conditioning ducts, sprinkler piping, and electrical conduit where elevations allow. Cable hanger wires and/or beam clamps shall be installed, to mount J-hooks, through which cables shall be routed. In no case shall ceiling grid, electrical conduit, or sprinkler pipes be used to secure communications cabling. Cable bundles will run down main corridors wherever practical.
6. CSI will, while on-site, take all necessary precautions in introducing and maintaining safety measures against all hazards related to the work CSI will be performing in this agreement.
7. All pathways are assumed to be free and clear of obstructions and or debris; any down time due to unforeseen cable pathway delays will be billed on an addendum work order.

Exclusions

1. Electrical (high voltage work).
2. Painting, Cutting and Patching.
3. Cable Demo or Equipment Removal.
4. Grounding/Bonding of Systems.
5. Telephone Backboards.
6. Above Grid Cable Tray.
7. Concrete Coring through foundation or walls.
8. OSP Copper/Fiber for Service Provider.
9. Conduits and back boxes.
10. Fire Caulking.
11. Active, Passive Electronics, or Network Equipment.
12. Security, AV, Sound Masking, SMS, IDS and ACS Systems, or CATV and Components.
13. Bid bonds and performance /payment bonds, if required, are not included.
14. Excluding Copper Patch Cords.

Quality Control Program

CSI Electrical Contractors Inc. (Technology Solutions Group) Project Manager will perform quality control functions. These functions include:

- Quality control inspection of the horizontal/ riser cable installation
- Review all cable test records and acceptance prior to client delivery
- Visual inspection of cable dressing within the communication closets

System Design and Installation Guidelines

CSI Electrical Contractors Inc. (Technology Solutions Group) will install the horizontal and backbone distribution cabling per the following referenced standards:

- ANSI/TIA-568-B.1. *Commercial Building Telecommunications Cabling Standard, Part 1: General Requirements.*
- ANSI/TIA-569-B. *Commercial Building Standards for Telecommunications Pathways and Spaces.*
- ANSI/TIA-606-A. *Administration Standard for Commercial Telecommunications Infrastructure.*
- ANSI J-STD-607-A. *Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications.*

Quote # 1 Project Price: \$7,363.00 Dollars
Quote # 2 Project Price: \$6,199.00 Dollars

Acceptance of Proposal #: 17-30434, CSULA Student Union 2nd Floor

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Date Accepted _____ Signature _____

P.O. # _____ Print Name: _____

Authorized by: _____ **David Rivera, Project Manager**