



T&R Communications, Inc.  
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**Customer:** Santa Rosa City School District  
**Location:** Lewis Adult Education  
**CMAS Contract No.:** CMAS #3-17-70-2738C  
**Proposal No.:** 50035-033016 Lewis Adult Ed  
**Date:** 4/18/18

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## **Scope of Project**

T&R Communications, Inc. (T&R) will provide the materials and labor services for the following:

Lot     Furnish and install J-hook supports, sleeves, surface raceway and fire caulking for all cabling installed in this proposal.

Lot     Furnish, install, terminate and test the following outlets:

The typical classroom, (16) total, each will include the following:

- Four - Teacher outlets will consist of (2) Cat 6 non-plenum cables to the nearest IDF room.
- One - Clock/Speaker outlet will consist of (1) Cat 6 non-plenum cable to the nearest IDF room.
- One - TV/Display outlet will consist of (1) Cat 6 non-plenum cable to the nearest IDF room.
- One - WAP will consist of (2) Cat 6A non-plenum shielded cables to the nearest IDF room.

Common areas/non-standard classrooms include:

- Voice/Data common outlets are in Administration offices, Computer labs, Non-standard classrooms, Food Services, Library, Stadium, Baseball concession, etc.
- Install Camera outlets, outdoor speaker outlets and WAP outlets as needed for adequate outdoor coverage

Total outlet count is as follows (see furnished floorplan):

- (120) Standard Voice/data outlets – (2) Cat 6 non-plenum cables
- (51) Clock/Speaker outlets - (1) Cat 6 non-plenum cable
- (28) TV/Display outlets - (1) Cat 6 non-plenum cable
- (16) Camera outlets - (1) Cat 6 non-plenum or OSP cables
- (32) WAP outlets - (2) Cat 6A non-plenum shielded cables
  
- **(335) total Cat 6 cables**
- **(64) total Cat 6A cables**

Lot     Furnish and install new IDF cabinets, (4) wall mount and (1) free standing, to meet space needs for the new active equipment. These cabinets will be properly grounded and have wire management for the new cabling installed.

Lot     Furnish, install, terminate and test (1) 12 strand armored singlemode fiber optic cable from the MDF to each IDF – (4) total – to support new data network. This fiber cable will terminate on new duplex LC connectors on both ends and terminate in new rack mounted fiber enclosures.

Lot     Furnish (2) Cat 6 and (2) CAT 6A patch cords per outlet – one patch cord per end.

Lot     Label cables and panels per EIA/TIA standards.



Lot Demo existing fiber, coax and copper cabling (within reason) to facilitate installation of new cabling.

**Project Notes:**

- Installation labor will be furnished from the T & R Communications headquarters and utilize local manpower from the Santa Rosa IBEW local #551 Sound and Communications resources.
- This structured wiring installation will include a (25) year manufacturer extended warranty.
- This fiber optic installation will include a (20) year manufacturer extended warranty.
- All work estimated to be performed after normal business hours.
- No new conduits, cores or electrical outlets are included in this quote.
- All tax, shipping and handling is included in the project total.

**Budget Pricing:**

**Total:** **\$283,247.00**

**Terms & Conditions**

ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED. ALL WORK TO BE COMPLETED IN PROFESSIONAL MANNER CONSISTENT WITH OUR INDUSTRY STANDARDS. ANY ALTERATION OR DEVIATION FROM THE ABOVE PROJECT SCOPE INVOLVING EXTRA COST WILL BE EXECUTED ONLY UPON WRITTEN ORDERS AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THIS QUOTATION. WORKMANS COMPENSATION INSURANCE COVERS ALL T&R COMMUNICATIONS, INC. TECHNICIANS. IF LEGAL ACTION IS NECESSARY TO ENFORCE THE TERMS OF THIS AGREEMENT, THE PREVAILING PARTY SHALL BE ENTITLED TO REASONABLE ATTORNEYS FEES IN ADDITION TO ANY OTHER RELIEF TO WHICH MAY BE ENTITLED. ALL MATERIAL AND WORKMANSHIP IS GUARANTEED FOR ONE YEAR FROM COMPLETION OF THE PROJECT.

**Payment Terms:** NET 30, progress billing to be per CMAS and T&R terms, Final billing upon completion, including any authorized change orders.

**T&R Communications, Inc.**

A handwritten signature in black ink, appearing to read 'J. Macdonald', is written over a horizontal line.

Signature

Signature

**Vice President**

Title

Title

**4/18/18**

Date

Date

PO/Contract Number