

Detailed Scope of Work

From: Roger Lowry
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To: Danielle Smith
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Print Date: July 15, 2025

Work Order Number: 144979.00

Work Order Title: East Campus Fiber Network Installation

Brief Scope: Install fiber network

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Detailed Scope:

1. Fiber Cable Installation

- Quantity & Type: Install (4) separate homerun fiber optic cables, each consisting of 24 strands of single-mode fiber, indoor/outdoor rated, armored as required. Manufacturer/Part No: 024E8P- 31131-A3 (or equivalent approved).
- All fiber runs will be routed aerially using existing or provided pole infrastructure .
- Aerial Support: Strand and pole support will be provided and installed by others.
- Existing wall penetration into the building will be used for cable entry.
- All fiber homeruns will be routed directly to the Main Distribution Frame (MDF) room in the main building.
- Internal routing will follow structured cabling best practices including support via J-hooks, cable tray, or conduit (if existing).

2. Fiber Termination

- All 24 strands in each run will be terminated with LC-style connectors.
- Termination to be fusion spliced with pigtails inside fiber enclosures or panels as required .
- Patch panels and rack-mount fiber enclosures will be installed in the MDF for each run.
- Install rack-mounted fiber distribution panels suitable for housing 24 LC terminations per run.
- Panels to be clearly labeled with destination identifiers per approved labeling scheme.
- Testing & Certification: Each strand will be tested using Optical Time-Domain Reflectometer (OTDR) and Light Source/Power Meter.
- Test results will be documented and provided in electronic format upon project completion.
- Testing will include length, dB loss, continuity, and polarity verification.

Subject to the terms and conditions of JOC Contract **660-21**.

**Contractor's Price Proposal Summary - CSI**

Print Date:	July 15, 2025
Contract Number:	660-21
Work Order Number:	144979.00
Work Order Title:	East Campus Fiber Network Installation
Contractor:	LMC Corporation
Proposal Value:	\$105,267.38
Proposal Name:	East Campus Fiber Network Installation

Subtotal for Section-01:	\$7,046.19
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Subtotal for Section-05:	\$5,080.80
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Subtotal for Section-27:	\$93,140.39
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Proposal Total	\$105,267.38
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This proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

Contractor's Price Proposal Detail - CSI

Print Date: July 15, 2025
Contract Number: 660-21
Work Order Number 144979.00
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Record	Section - Item	Modiufier	UOM	Description	Line Total
Section-01					
1	01 22 23 00-0106		DAY	29' To 33' Bucket Truck With Full-Time Operator	\$7,046.19
			Quantity	Unit Price	Factor
			Installation	5.00 x \$1,214.86 x	1.1600 =
					Total \$7,046.19
Subtotal for Section-01:					\$7,046.19
Section-05					
2	05 15 16 00-0088		LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	\$5,080.80
			Quantity	Unit Price	Factor
			Installation	6,000.00 x \$0.73 x	1.1600 =
					Total \$5,080.80
			Guy wire		
Subtotal for Section-05:					\$5,080.80
Section-27					
3	27 11 19 00-0073		EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	\$1,740.37
			Quantity	Unit Price	Factor
			Installation	4.00 x \$375.08 x	1.1600 =
					Total \$1,740.37
4	27 13 23 13-0007		EA	LC Connector For Singlemode Fiber Optic Cable	\$369.90
			Quantity	Unit Price	Factor
			Installation	8.00 x \$39.86 x	1.1600 =
					Total \$369.90
5	27 15 23 00-0534		MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	\$87,765.60
			Quantity	Unit Price	Factor
			Installation	12.00 x \$6,305.00 x	1.1600 =
					Total \$87,765.60
			Install 4 sperate homerun fiber optic cables, each consisting of 24 strands of single-mode fiber, armored as required		
6	27 MO D0 00-0169	0169	MLF	For Corrugated Coated Steel Tape Armored Cable, Add	\$3,035.49
			Quantity	Unit Price	Factor
			Installation	10.00 x \$261.68 x	1.1600 =
					Total \$3,035.49
7	27 16 19 00-0013		EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	\$229.03
			Quantity	Unit Price	Factor
			Installation	4.00 x \$49.36 x	1.1600 =
					Total \$229.03
Subtotal for Section-27:					\$93,140.39
Proposal Total					\$105,267.38

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