

Price Information

Total Price: \$4,918.00**

**** Freight will be added as incurred.**

Bill of Material (Change Order# 02)

Qty.	Manufacturer	Description
8	CommScope	360 Distribution Panel Module 24 LC TeraSPEED (SM), iPatch Ready (8-for Dist Racks)
48	OFS	25ft, LC/LC, SM,yellow, Duplex fiber jumpers

Scope of Work (Change Order# 02)

1. Provide and install (8) single mode 24-port LC adaptor Module in panel-02 in rack as follows:

Rack#	Change Order#02 Modules (24 fibers: 24-LC Adaptors) Single Mode
8	4
16	4
Total:	8

2. Provide and Run (48) SingleMode, duplex, LC-LC connector fiber jumpers between racks as per below table.

Fiber Optics Cabling		Change Order#02	
From Rack#	To Rack#	Approx. Length (ft)	# of circuits added (single Mode)
8	16	25	48
Total			48

3. Provide and Run (48) CAT6a cables, Blue between racks as per below table. Install some of the cables that we are no longer installing between R01, R12 & R04 & R06.

CAT6a Cabling		Change Order#02	
From Rack#	Application	To Rack#	# of Blue Cat6a Runs
4	Data	7	12
	Data	15	12
6	Data	7	12
	Data	15	12
Total			48

4. Straight through fibers connections (no flip) between racks for Fiber optics
5. Update One-line drawings and cable run list in engineering Specifications.
6. Apply labels to all fiber optics cables and panels.
7. Perform testing & certification for each cable.
8. Clean up the working area and remove the trash

Owner Supplied items & Assumptions:

1. Emerson provided material will be shipped directly to the customer location and freight charges will be added as incurred.
2. Equipment racks and UPS/BATT racks shall be installed prior to ENP technician's arrival.
3. Normal day time working hours are assumed from 8:00am to 5:00pm.
4. Emerson will have free and unobstructed access to the work areas during all hours of operations. Any downtime or delays caused by customer will be billed additionally.
5. Any special safety training or security requirements will be identified by the customer prior to Emerson installation start date.
6. If required, all special safety training will be provided by customer at no cost to Emerson.