



MERA EB Attachment B-3b, 09/09/2020
Electrical • Telcom • Security • Network
Audio Visual • Traffic Signal

August 18, 2020

County of Marin

Attn: Laurie Childers

Re: Proposal to install Single mode fiber optic cabling from Civic Center Second Deck IDF to Radio Shop Bldg. IDF

Dear Laurie,

WBE Telcom would like to propose the following cost to install Single Mode fiber optic cabling from Civic Center Second Deck IDF to Radio Shop Bldg. IDF as follows:

Item 1

Survey, rodder and install Mule Tape rope from Civic Center Second Deck IDF to Radio Shop Bldg. IDF.

Cost includes survey and pathway verification from end to end of existing conduit pathway and pull boxes to confirm pull rope and fiber can pass through existing conduits and pull boxes. During verification, WBE will open and close all pull boxes and manholes and install 3/4" Mule tape rope. WBE has included confined space equipment to access manhole next to CC if needed.

Note: This item is independent of the fiber installation cost and must be done prior to ordering and installing fiber optic cabling. If conduit pathways are found not adequate for fiber to pass through during verification process, no further work would be done at that point and install would need to be reviewed with COM to move forward. (Estimated cost for fiber install noted below would not be valid if pathway condition is not verified and pull line installed prior to ordering fiber optic cable)

Estimated Cost for Item 1.....\$2,844.20

90 Hill Road • Novato, CA 94945 • (415) 898-1400 • Fax (415) 898-5991
www.wbeinc.com
License No. 390741 & 779053

Item 2

Install 24 stand Indoor / Outdoor CMR Single mode fiber optic cable from Radio Shop Building IDF to Civic Center Second Deck IDF.

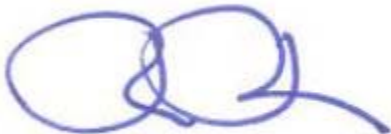
Scope of Work

- Install (1) 24 strand Single Mode Armored Indoor / Outdoor (Tinifiber TF24-OS2-R10/Y) from Radio Shop Building IDF to Civic Center Second Deck IDF
- Install (2) 2RU fiber termination shelves.
- Install (4) 12 port Single Mode LC fusion splice cassettes.
- Fusion splice 24 strand backbone fiber to 12 port fusion splice cassettes in 2RU boxes.
- Test fibers at 1330nm and 1510nm with Fluke power meter test set.
- Quote based on performing work Monday – Friday, during normal business hours.
- Cost includes current COVID-19 work procedure safety protocol to be followed by all WBE technicians.
- Access to Radio Shop and Second Deck will be required or COM escort will be needed.
- Quote valid for 30 days from receipt. Due to material volatility and lead time issues, after 30 days, WBE would need to confirm cost and lead time for quoted materials.

Estimated Cost for Item 2.....\$16,078.56

Please let me know if you have any questions.

Sincerely,



Rich Riboli, RCDD