

INFORMATION TECHNOLOGY

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Item 07
10/18/16

October 11, 2016

To: Mahesh Sharma, County Administrator
From: Matt Hirst, Information Technology Director
Subject: Fiber Installation for Secondary Roads Maintenance Facility

Currently Secondary Roads Maintenance Facility is connected to the Scott County data network via a 1Mb leased line through Central Scott Telephone. With the recent addition of staff and increased technology utilization at the facility an upgrade to network connectivity is required.

To meet this increased technology need, bids were solicited as alternate work to the Sheriff’s Patrol Headquarters project on Blackhawk Trail.

Bid details as alternate work to Sheriff’s Patrol are as follows:

<u>Vendor</u>	<u>Total</u>
Bush Construction	\$27,000
Conlon Construction	\$26,000
Daxon Construction	\$25,000
Estes Construction	\$28,000
Portzen Construction	\$25,000
Precision Builders	\$22,000
Swanson Construction	\$29,400
Todd Hackett Construction	\$28,500
Tricon General Construction	\$27,000
Valley Construction	\$26,000

In due diligence, as the Conlon bid is the only actionable bid at this point as the project general contractor, IT solicited additional bids for this work from vendors the County has contracted with in the past for this type of work.

Additional bid details are as follows:

<u>Vendor</u>	<u>Total</u>
CDB	No Bid
Communications Innovators	\$28,011.50
Tri-City Electric	\$23,084.14

It is recommended that the Board authorize the FSS Director to sign a contract for fiber optic cable installation to Secondary Road Maintenance Facility with Tri-City Electric for \$23,084.14.

Enc. (2)



Data, Voice & Video
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6225 N. Brady Street
Davenport, IA 52806
telephone.563.322.7181
fax.563.322.1643
www.tricityelectric.com

Wednesday, September 28, 2016

To: Tammy Speidel

Re: Scott County Sheriff's Patrol HQ – Change Request #1

Pricing is submitted for site fiber modifications

CAR 001 **\$23,084.00**

Includes;

- 1-1/4" innerduct directionally bored from the handhole at S 16th Street to the existing handhole at Secondary Roads
- 12-strand single mode fiber cable from the new Sheriff facility to Secondary Roads
- Fusion splice each end of the new 12-strand single mode fiber cable to the Secondary Roads to owner furnished pigtail modules and fiber housings

Excludes;

- Any interior conduits or sleeves
- Fiber housings, pigtail modules, and splice trays
- Fiber optic cabling from the entrance facility to the telecom room

Optional add pricing of **\$4,500.00** to install 2" innerduct from the S 16th Street handhole to Secondary Roads.

Please refer to the attachments for a detailed cost breakdown.

Ryan Palmer
Project Manager

TCE Material

	Quantity	Cost Ea.	Extended
1-1/4" Innerduct Bored from HH S 16th to Secondary Roads	2000	\$ 7.00	\$ 14,000.00
2" Innerduct Bored		\$ 9.50	
12-strand Fiber cable from Sheriff to Secondary Roads	3400	\$ 0.27	\$ 918.00
Fusion splice ADD 12-strands at 3 locations, Sheriff x 2, Secondary Roads	24	\$ 25.00	\$ 600.00
Labor	70	\$ 64.64	\$ 4,524.80
Labling/Testing/Misc	1	\$ 30.37	<u>\$ 30.37</u>
Sub-total			\$ 20,073.17
15% markup			<u>\$ 3,010.97</u>
Total			\$ 23,084.14

TCE Material	Quantity	Cost Ea.	Extended
1" EMT Conduit		\$ 1.15	\$ -
1" EMT SS Coupling		\$ 0.52	\$ -
1" EMT SS Connector		\$ 0.46	\$ -
Conduit Support Assembly		\$ 1.10	\$ -
4/S Box 1-1/2" deep		\$ 1.89	\$ -
4/S mud ring 1/2"		\$ 1.05	\$ -
Bonding Jumper		\$ 10.00	\$ -
Systemax MGS600 Black		\$ 9.95	\$ -
Systemax MGS600 Orange		\$ 9.95	\$ -
Systemax 2091 Yellow		\$ 0.70	\$ -
Faceplates		\$ 1.75	\$ -
Labling/Testing/Misc		\$ 5.00	\$ -
Sub-total			\$ -
17% markup			\$ -
Total			\$ -
Labor - Raceways		\$ 45.60	\$ -
Labor - 6A Cable Installation		\$ 39.77	\$ -
Truck		\$ 40.00	\$ -
	0		\$ -

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES
THAT THIS RESOLUTION HAS BEEN FORMALLY
APPROVED BY THE BOARD OF SUPERVISORS ON

DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N
SCOTT COUNTY BOARD OF SUPERVISORS

October 20, 2016

APPROVING FIBER INSTALLATION FOR SECONDARY ROADS MAINTENANCE
FACILITY

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

- Section 1. The authority of the FSS Director to sign a contract for fiber optic cable installation the Secondary Roads Maintenance Facility with Tri-City Electric for the amount of \$23,084.14 is hereby approved.
- Section 2. This resolution shall take effect immediately.