

FOR BOARD ACTION

Agenda Item # 4.a.

Meeting Date:

9/27/11

SUBJECT:

CONSIDERATION OF BIDS

Installation of Electric/Communication Vaults and Duct, Mayo Support Center Service, Douglas Trail Phase

PREPARED BY:

Steven Cook, Sr. Electrical Engineer

ITEM DESCRIPTION:

On September 19, 2011, three bidders submitted bids to provide the labor and equipment to install approximately 2,300 linear feet of power and communication duct and access vaults along the west side of the Douglas Trail as part of the Mayo Support Center Primary Service from the RPU IBM substation to the point of demarcation for the new Mayo Support Center Complex Primary Service. This segment of the project represents about 43% of the total duct length for this project and the bids were within the range of the engineering estimate.


During evaluation it was discovered that two bidders had in a similar fashion misinterpreted the requirements of the technical specification, and had submitted pricing based on a unit being an adder for another unit instead of a separate bid unit. Both bidders acknowledged the error. The error was on bid item #9 (Concrete Cap Power Duct Bank 6x1 – 5”). Both bidders treated it as an adder price to bid item #1 instead of separate unit. This raises the unit price of Bid Item #9 for A&A to \$13.00/ft instead of \$5.00/ft and to \$16.70/ft instead of \$8.00/ft for MasTec. Since both low bidders made the same error, and its correction does not change the outcome of the bid, staff believes the Board would not be granting an advantage to either bidder by accepting the bid with corrections. As stated in the Notice To Bidders, “the Public Utility Board reserves the right to waive minor irregularities or minor errors in a bid if it appears that such irregularities or errors were made through inadvertence and does not give Bidder a substantial benefit or advantage over other bidders.”

FOR CAPITAL PURCHASES/BIDS/MAJOR PROJECTS:

On August 29th the board approved an agreement with Mayo and IBM for this project.

BID SUMMARY

Bidder	Evaluated Bid Amount (pretax)
A & A Electric & Underground, Inc.	\$65,100
Mastec North America, Inc	\$84,635
Dig America, Inc	\$246,033



General Manager

9/22/11

Date

FOR BOARD ACTION

Agenda Item # 4.a.

Meeting Date:

9/27/11

UTILITY BOARD ACTION REQUESTED:

Staff requests that the Board:

- 1) Waive the pricing error for item 9 for A&A Electric & Underground Construction, Inc.
- 2) Accept the bid as corrected and approve a purchase order agreement with A&A Electric & Underground Construction, Inc. as the lowest responsible bidder to install approximately 2,300 linear feet of conduit per the specification Installation of Electric/Communication Vaults and Duct, Mayo Support Center Service, Douglas Trail Phase. Staff recommends that the amount of the authorized Purchase Order be \$ 77,625.00 which represents the corrected bid amount based on estimated footages and a 15 percent contingency of \$10,125.

General Manager

Date

ROCHESTER PUBLIC UTILITIES



Rochester Public Utilities - 2011-17: Installation of Vault and Conduit System, Mayo Data Center, Douglas Trail Phase
 RFB Opening
 Monday - September 19, 2011 - 2:00 P.M. Central Time

Description	Vendor	A&A Electric & Underground Constr., Inc			Mastec North America, Inc			Dig America, Inc			
		Quantity	UOM	Per Unit	Extended	Per Unit	Extended	Per Unit	Extended	Per Unit	Extended
1 Power Duct Bank 6x1 - 5"		1,700	ft	\$ 8.00	\$ 13,600.00	\$ 8.70	\$ 14,790.00	\$ 31.50	\$ 53,550.00		
2 Communication Duct Bank 4x1 - 2"		1,700	ft	\$ 2.00	\$ 3,400.00	\$ 3.75	\$ 6,375.00	\$ 13.85	\$ 23,545.00		
3 Directional Boring 6 - 5"		350	ft	\$ 40.00	\$ 14,000.00	\$ 80.00	\$ 28,000.00	\$ 80.00	\$ 28,000.00		
4 Directional Boring 4-2"		350	ft	\$ 10.00	\$ 3,500.00	\$ 24.00	\$ 8,400.00	\$ 29.00	\$ 10,150.00		
5 Power Vault Installations		10	ea	\$ 1,500.00	\$ 15,000.00	\$ 650.00	\$ 6,500.00	\$ 6,356.00	\$ 63,560.00		
6 Communication Vault Installations		4	ea	\$ 500.00	\$ 2,000.00	\$ 250.00	\$ 1,000.00	\$ 970.00	\$ 3,880.00		
7 Sand Backfill		500	ft	\$ 4.00	\$ 2,000.00	\$ 1.00	\$ 500.00	\$ 16.00	\$ 8,000.00		
8 Parking Lot/asphalt trail restoration 100 sq ft		3	units	\$ 850.00	\$ 2,550.00	\$ 500.00	\$ 1,500.00	\$ 2,790.00	\$ 8,370.00		
9 Concrete Cap Power Duct Bank 6x1-5"		300	ft	\$ 5.00	\$ 1,500.00	\$ 8.00	\$ 2,400.00	\$ 81.13	\$ 24,339.00		
10 Communication Duct Bank 2x1-2"		200	ft	\$ 2.00	\$ 400.00	\$ 1.75	\$ 350.00	\$ 6.92	\$ 1,384.00		
11 41" Street Directional Boring 6 - 5"		130	ft	\$ 40.00	\$ 5,200.00	\$ 90.00	\$ 11,700.00	\$ 120.00	\$ 15,600.00		
12 41" Street Directional Boring 4-2"		130	ft	\$ 15.00	\$ 1,950.00	\$ 24.00	\$ 3,120.00	\$ 43.50	\$ 5,655.00		
13 41" Street Power Duct Bank 6x1 - 5"		130	ft	\$ 80.00	\$ 10,400.00	\$ 70.00	\$ 9,100.00	\$ 389.00	\$ 50,570.00		
14 41" Street Communication Duct Bank 4x1 - 2"		130	ft	\$ 4.00	\$ 520.00	\$ 3.00	\$ 390.00	\$ 20.00	\$ 2,600.00		
EVALUATED TOTAL OPTION 1 (1-12)					\$ 65,100.00		\$ 84,635.00		\$ 246,033.00		
EVALUATED TOTAL OPTION 2 (1-10, 13, 14)					\$ 68,870.00		\$ 79,305.00		\$ 277,948.00		
Extra Unit Pricing (examples)											
15 Labor: Foreman (\$/hr)					\$55.00		\$73.95		\$66.35		
16 Labor: Equipment Operator (\$/hr)					\$50.00		\$66.65		\$64.50		
17 Labor: Laborer (\$/hr)					\$42.00		\$56.90		\$45.50		
18 Equipment: Track hoe (\$/hr)					\$30.00		\$76.90		\$99.06		
19 Equipment: Rubber tired Backhoe with trailer (\$/hr)					\$85.00		\$48.00		\$46.25		
20 Equipment: Dump Truck (\$/hr)					\$70.00		\$38.00		\$57.00		
21 Equipment: Pick-up Truck (\$/hr)					\$30.00		\$16.00		\$21.00		
22 Equipment: Trencher (\$/hr)					\$150.00		\$33.00		\$69.45		
23 Equipment: Directional Boring Equipment (\$/hr)					\$500.00		\$188.00		\$122.00		
24 Contractor Supplied Material Markup Percentage					17%		16%		28%		



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to waive the pricing error for item 9 for A&A Electric & Underground Construction, Inc. as a minor irregularity of the bid;

BE IT FURTHER RESOLVED by the Board, to approve a purchase order agreement with A&A Electric & Underground Construction, Inc. for

Installation per the specification Installation of Electric/Communication Vaults
and Duct, Mayo Support Center Service, Douglas Trail Phase.

The amount of the purchase order agreement to be SEVENTY-SEVEN THOUSAND SIX HUNDRED TWENTY-FIVE AND 00/100 DOLLARS (\$77,625.00) which includes the corrected bid amount and a 15% contingency of \$10,125.00, and A&A Electric & Underground Construction, Inc. being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27th day of September, 2011.

President

Secretary