

FOR BOARD ACTION

Agenda Item # 6.c.

Meeting Date:

1/31/06

SUBJECT: CONSIDERATION OF BIDS
WIRE AND CABLE 2006

PREPARED BY: Steven J. Cook
Senior Electrical Engineer

ITEM DESCRIPTION:

On January 17, 2006, five vendors submitted responsible bids to supply some or all of sixteen types of specified cable and conductor. Award to the lowest priced, responsible bidder, is recommended for Items 1 thru 4 and Item 6. For Items 5 and 7 thru 16 RPU does not plan on purchasing these items at this time so it is recommended that the Board reject all bids for Items 5 and 7 thru 16. Items 7 thru 16 were bid in order to obtain competitive market based pricing for some life cycle cost analysis that will be performed in 2006.

Metal escalation and de-escalation is allowed. Specifications allow for a manufacturing tolerance of up to +/- 10 percent. Billed cost will be based on actual lengths. Bid amounts do not include sales tax.

The cost of cable and conductor is budgeted within the separate projects that will use this wire and cable. This is an annual bid, and the value of the total purchase of just these 5 items will be \$249,227.16. The items purchased under this bid are the more specialized cable and wire that RPU uses in our electric system. The cost of these items has increased 10 to 25 percent in the last year due to increases in base metals costs and oil related costs.

BID SUMMARY

<u>Item</u>	<u>Bidder</u>	<u>Bid Amount</u>
2, 3	Border States Electric	\$ 25,768.50
4	Graybar	\$ 84,321.86
1, 6	WESCO	\$ 139,136.80

The Border States Electric purchase is presented for information only and does not require Utility Board action due to the value of the purchase being less than \$50,000.

UTILITY BOARD ACTION REQUESTED:

1. A motion is requested from the Board to reject all bids for Items 5 and 7 thru 16.
2. It is recommended that the Board approve resolutions for purchase order agreements with:
 - a. Graybar as lowest responsible bidder for Item 4.
 - b. WESCO as lowest responsible bidder for Items 1 and 6.

Reviewed 1-25-06 WNP


General Manager


Date

ROCHESTER PUBLIC UTILITIES

**2006 WIRE CABLE
PURCHASE RECOMMENDATIONS**

Bid Item Number	Stock Number	Description	Purchase Qty (ft)	Bid Qty (ft)	Price M/ft	Extended Price	Vendor	
1	2238	Wire, AL, 600V, 4/0-2/0 NEU Tri, CinC	22,000	22,000	\$2,010.40	\$44,228.80	WESCO	
2	2225	Wire, ACSR, 4/0, 6/1, Penguin	12,160	30,400	\$405.00	\$4,924.80	Border States	
3	2226	Wire, ACSR, 336.4, 18/1, Merlin	34,170	68,340	\$610.00	\$20,843.70	Border States	
4	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	59,400	118,000	\$1,419.56	\$84,321.86	Graybar	
5	2246	Wire in Duct, AL 15kv 1/0 Str, 1/C	0	27,000	\$1,870.00	\$0.00		
6	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	13,200	13,200	\$7,190.00	\$94,908.00	WESCO	
7	2247	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	0	145,800	\$1,557.64	\$0.00		
8		Wire, AL, 15KV, 1/0 Str, 1/C, 220 EPR, Jacketed	0	145,800	\$1,580.00	\$0.00		
9		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 XLPE, Jacketed	0	145,800	\$1,474.00	\$0.00		
10		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 EPR, Jacketed	0	145,800	\$1,516.00	\$0.00		
11		Wire, AL, 15KV, #2 Solid, 1/C, 220 XLPE, Jacketed	0	145,800	\$1,093.90	\$0.00		
12		Wire, AL, 15KV, #2 Solid, 1/C, 220 EPR, Jacketed	0	145,800	\$1,172.00	\$0.00		
13		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	0	27,000	\$2,000.00	\$0.00		
14		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed	0	13,200	\$7,634.00	\$0.00		
15		Wire, Copper, 15KV, 750 MCM Str, EPR, Jacketed	0	13,200	\$10,915.00	\$0.00		
16	2237	Wire, AL, 600V, 4/0-2/0 NEU Tri	0	22,000	\$1,220.00	\$0.00		
TOTAL PURCHASE							\$249,227.16	

2006 CABLE AND WIRE
 BID RESULTS

Bid Item Number	Stock Number	Description	Bid Qty	Border States Electric			Burmlester			Graybar		
				Extended Price	Lead Time/Exceptions	Manufacturer	Extended Price	Lead Time/Exceptions	Manufacturer	Extended Price	Lead Time/Exceptions	Manufacturer
1	2238	Wire, AL, 600V, 4/0-2/0 NEU Tri, ClnC	22,000	\$45,980.00	10-15	Arnco	NQ		\$48,840.00	4	Southwire	
2	2225	Wire, ACSR, 4/0, 6/1, Penguin	30,400		Factory Stock	General	\$14,087.36	ST - 8	\$13,896.00	2	Alcan	
3	2226	Wire, ACSR, 336.4, 18/1, Merlin	68,340		Factory Stock	General	\$47,031.59	ST - 8	\$47,240.03	2	Alcan	
4	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	118,000	\$185,684.40	26	General	NQ			9	Hendrix	
5	2246	Wire in Duct, AL, 15KV, 1/0 Str, 1/C	27,000	\$53,838.00	10-15	Arnco	NQ			9	Hendrix	
6	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	13,200	\$111,210.00	18	General	\$96,056.40	21 (reel)	NQ	9	Hendrix	
7	2247	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	145,800	\$245,527.20	26	General	NQ					
8		Wire, AL, 15KV, 1/0 Str, 1/C, 220 EPR, Jacketed	145,800	\$270,167.40	26	General	\$215,055.00	Stock	NQ			
9		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 XLPE, Jacketed	145,800		26	General	NQ		\$221,616.00	9	Hendrix	
10		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 EPR, Jacketed	145,800	\$236,487.60	18	General	NQ					
11		Wire, AL, 15KV, #2 Solid, 1/C, 220 XLPE, Jacketed	145,800	\$176,418.00	26	General	NQ		\$163,296.00	9	Hendrix	
12		Wire, AL, 15KV, #2 Solid, 1/C, 220 EPR, Jacketed	145,800	\$194,205.60	18	General	NQ					
13		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	27,000	\$60,480.00	15	Arnco	NQ			9	Hendrix	
14		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed	13,200	\$113,982.00	18	General	\$102,154.80	21 (reel)	NQ			
15		Wire, Copper, 15KV, 750 MCM Str, EPR, Jacketed	13,200	\$164,010.00	18	General	\$144,170.40	16 (reel)	NQ			
16	2237	Wire, AL, 600V, 4/0-2/0 NEU Tri	22,000	\$31,856.00	15	General	\$37,862.62	Stock	\$41,059.44	2	Alcan	
				TOTAL PURCHASE								

2006 CABLE AND WIRE
BID RESULTS

Bid Item Number	Stock Number	Description	Bid Qty	RESCO			RESCO			WESCO		
				Extended Price	Lead Time/Exceptions	Manufacturer	Extended Price	Lead Time/Exceptions	Manufacturer	Extended Price	Lead Time/Exceptions	Manufacturer
1	2238	Wires, AL, 600V, 4/0-2/0 NEU Tri, ClnC	22,000	\$44,440.00	16-19	PRYSMIAN	\$44,880.00	6-7	ARNCO		12-14	ARNCO
2	2225	Wire, ACSR, 4/0, 6/1, Penguin	30,400	\$13,132.80	3-4	Nehring				\$12,451.84	8-10	Southwire
3	2226	Wire, ACSR, 336.4, 18/1, Merlin	68,340	\$44,762.70	3-4	Nehring				\$43,443.73	8-10	Southwire
4	2245	Wires, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	118,000	\$177,012.00	10-12	PRYSMIAN				\$169,884.00		Nexans
5	2246	Wire in Duct, AL, 15KV, 1/0 Str, 1/C	27,000	\$56,160.00	14-16	PRYSMIAN	\$53,244.00	5-6	ARNCO	\$52,866.00	4-6	Southwire
6	2220	Wires, Copper, 15KV, 500 MCM Str, EPR	13,200	\$106,128.00	10-12	PRYSMIAN					6-8	Kerite
7	2247	Wires, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	145,800	\$248,297.40	10-12	PRYSMIAN				\$235,467.00	8-10	Southwire
8		Wire, AL, 15KV, 1/0 Str, 1/C, 220 EPR, Jacketed	145,800	\$293,058.00	12-14	PRYSMIAN					4-6	Kerite
9		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 XLPE, Jacketed	145,800	\$161,546.40	Wrong Neutral	PRYSMIAN				\$220,449.60	8-10	Southwire
10		Wires, AL, 15KV, 1/0 Solid, 1/C, 220 EPR, Jacketed	145,800	\$239,986.80	12-14	PRYSMIAN					4-6	Kerite
11		Wire, AL, 15KV, #2 Solid, 1/C, 220 XLPE, Jacketed	145,800	\$159,651.00	10-12	PRYSMIAN					8-10	Southwire
12		Wire, AL, 15KV, #2 Solid, 1/C, 220 EPR, Jacketed	145,800	\$188,373.60	12-14	PRYSMIAN					4-6	Kerite
13		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	27,000	\$63,900.00	14-16	PRYSMIAN	\$59,778.00	5-6	ARNCO	\$59,994.00	8-10	Southwire
14		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed	13,200	\$111,012.00	12-14	PRYSMIAN					6-8	Kerite
15		Wire, Copper, 15KV, 750 MCM Str, EPR, Jacketed	13,200	\$160,116.00	12-14	PRYSMIAN					6-8	Kerite
16	2237	Wires, AL, 600V, 4/0-2/0 NEU Tri	22,000		12-14	PRYSMIAN				\$28,710.00	8-10	Southwire
TOTAL PURCHASE												

2006 CABLE AND WIRE
 BID RESULTS

Bid Item Number	Stock Number	Description	Bid Qty	WESCO		WESCO	
				Extended Price	Lead Time/Exceptions	Extended Price	Lead Time/Exceptions
1	2238	Wire, AL, 600V, 4/0-2/0 NEU Tri, CInC	22,000	\$47,410.00		\$44,962.50	PRYSMIAN
2	2225	Wire, ACSR, 4/0, 6/1, Penguin	30,400				
3	2226	Wire, ACSR, 336.4, 18/1, Merlin	68,340				
4	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	118,000				
5	2246	Wire in Duct, AL, 15KV, 1/0 Str, 1/C	27,000	\$53,568.00			ARNCO
6	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	13,200				
7	2247	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	145,800	\$244,506.60			Nexan
8		Wire, AL, 15KV, 1/0 Str, 1/C, 220 EPR, Jacketed	145,800				
9		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 XLPE, Jacketed	145,800	\$224,021.70			Nexan
10		Wire, AL, 15KV, 1/0 Solid, 1/C, 220 EPR, Jacketed	145,800				
11		Wire, AL, 15KV, #2 Solid, 1/C, 220 XLPE, Jacketed	145,800	\$171,169.20			Nexan
12		Wire, AL, 15KV, #2 Solid, 1/C, 220 EPR, Jacketed	145,800				
13		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	27,000	\$60,480.00			ARNCO
14		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed	13,200				
15		Wire, Copper, 15KV, 750 MCM Str, EPR, Jacketed	13,200				
16	2237	Wire, AL, 600V, 4/0-2/0 NEU Tri	22,000	\$27,478.00			PRYSMIAN
TOTAL PURCHASE							



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to reject the low bidder on Items 5, 7, 8, 9,10, 11, 12, 13, 14, 15, and 16 based on RPU will not be purchasing these items at this time.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 31th day of January, 2006.

President

Secretary



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a purchase order agreement with Graybar for Wire and Cable.

<u>Item #</u>	<u>Description</u>
4	1/0 AWG, 15kV, 1/C Stranded Aluminum, 220 mil TR-XLPE Insulation

The amount of the purchase order agreement to be EIGHTY-FOUR THOUSAND THREE HUNDRED TWENTY-ONE AND 86/100 DOLLARS (\$84,321.86) and Graybar being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 31st day of January, 2006.

President

Secretary



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a purchase order agreement with WESCO for Wire and Cable.

<u>Item #</u>	<u>Description</u>
1	Cable in Conduit, AL, 600V, Triplex 4/0-2/0 URD
6	500 MCM, 15kV, 1/C, Stranded Copper, 0.220 mil ERP Insulation

The amount of the purchase order agreement to be ONE HUNDRED THIRTY-NINE THOUSAND ONE HUNDRED THIRTY-SIX AND 80/100 DOLLARS (\$139,136.80) and WESCO being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 31st day of January, 2006.

President

Secretary