

FOR BOARD ACTION

Agenda Item # 7a.

Meeting Date: 1/27/04

SUBJECT: CONSIDERATION OF BIDS
WIRE AND CABLE 2004

PREPARED BY: Steven J. Cook *SJC*
Senior Electrical Engineer

ITEM DESCRIPTION:

On January 15, 2004, 6 vendors submitted responsible bids to supply some or all of 18 types of specified cable and conductor. Award to the lowest priced, responsible bidder, is recommended for all of the items except for items 16, 17, and 18 which RPU will not be purchasing at this time.

Metal escalation and de-escalation is allowed. Specifications allow for a manufacturing tolerance of +/-10% on lengths for all items. Billed cost will be based on actual lengths and base metals prices. 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 is \$666,802.16.

BID SUMMARY

<u>Item</u>	<u>Bidder</u>	<u>Bid Amount</u>
9, 15	Border States Electric	\$ 174,854.50
13, 14	Graybar Electric	\$ 281,789.55
3, 5, 6, 8, 10, 12	Wesco	\$ 177,902.28

UTILITY BOARD ACTION REQUESTED:

It is recommended that the Board reject all bids for Item 16, 17, and 18.

It is recommended that the Board approve purchase order agreements with:

- Border States Electric as the lowest responsible bidder for items 9 and 15.
- Graybar Electric as lowest responsible bidder for items 13 and 15.
- Wesco as lowest responsible bidder for items 3, 5, 6, 8, 10, and 12.

Reviewed 1-22-04 WNS

Larry Koshine
General Manager

1/22/04
Date

ROCHESTER PUBLIC UTILITIES

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	Burmeister		Burmeister (ALT 1)		
					Extended Price	Lead Time/Exceptions	Extended Price	Lead Time/Exceptions	
1	2185	Wire, Copper, #8 SD, Solid, Bare	FT	3,000	\$221.70	2 wks	Nehring	NB	
2	2196	Wire, Copper, #6 SD, Solid, Bare	FT	23,940	\$2,820.13	2 wks	Nehring	NB	
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	NB			NB	
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	\$5,760.00	12 wks	Nehring	NB	
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$28,656.00	16 wks	Nexans	\$28,098.00	14 wks / EX 1
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,526.00	16 wks	Nexans	\$5,412.00	Stock / EX1
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	\$930.60	10 wks/ EX 1	Nexans	NB	
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri	FT	75,000	\$134,825.00	20 wks	Nexans	\$132,750.00	15 wks / EX 1
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	\$1,125.66	12 wks	Nexans	NB	
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	\$6,420.48	6 wks	Nexans	NB	
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	\$23,529.60	7 wks EX 2	Nexans	NB	
12	14086	Wire, ACSR, 477, 26/7, Hawk	FT	34,680	\$21,813.72	7 wks EX 2	Nexans	NB	
13	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	NB			NB	
14	2246	Wire in Duct, AL 15KV 1/0 Str, 1/C	FT	135,000	NB			NB	
15	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	FT	39,600	\$184,615.20	10 wks	Okonite	NB	
16		Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	NB			NB	
17		Wire in Duct, AL 15KV 1/0 Str, 1/C, Jacketed		121,500	NB			NB	
18		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed		39,600	\$195,030.00	10 wks	Okonite	NB	
					EX 1:	13200 ft min release		EX 1:	Alt to Section 6
					EX 2:	Standard PU 5695 ft			

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	BSE		BSE (ALT 1)	
					Extended Price	Lead Time/Exceptions	Extended Price	Lead Time/Exceptions
1	2195	Wire, Copper, #8 SD Solid, Bare	FT	3,000	\$349.95	2 wks	NB	
2	2196	Wire, Copper, #6 SD Solid, Bare	FT	23,940	\$3,710.70	2 wks	NB	
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	\$9,696.50	2 wks	NB	
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	\$5,054.00	2 wks		8 wks
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$28,710.00	2 wks		8 wks
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,431.20	2 wks		8 wks
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	\$996.60	2 wks		8 wks
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri	FT	75,000	\$127,950.00	7 wks		Arntco
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	\$1,050.10	2 wks		Alcan
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	\$6,342.66	2 wks		Alcan
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	\$23,946.08	2 wks		Alcan
12	14086	Wire, ACSR, 477, 26/7, Hawk	FT	34,680	\$21,987.12	2 wks		Alcan
13	2245	Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	\$112,266.00	8 wks		Alcan
14	2246	Wire in Duct, AL, 15kV 1/0 Str, 1/C	FT	135,000	\$250,425.00	14 wks		Arntco
15	2220	Wire, Copper, 15kV, 500 MCM Str, EPR	FT	39,600	\$173,804.40	12 wks		Arntco
16		Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	\$122,715.00	8 wks		
17		Wire in Duct, AL, 15kV 1/0 Str, 1/C, Jacketed		121,500	\$190,633.50	14 wks		
18		Wire, Copper, 15kV, 500 MCM Str, EPR, Jacketed		39,600	\$179,546.40	12 wks		

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	Graybar			WESCO		
					Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer
1	2185	Wire, Copper, #8 SD Solid, Bare	FT	3,000	\$234.00	stock	Southwire	\$233.07	6 wks	Southwire
2	2186	Wire, Copper, #6 SD Solid, Bare	FT	23,940	\$3,064.32	stock	Southwire	\$2,846.22	6 wks	Southwire
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	\$8,753.25	stock	Southwire	\$7,955.75	6 wks	Southwire
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	\$5,184.00	6 wks	Southwire	\$5,408.64	6 wks	Southwire
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$27,540.00	6 wks	Southwire	\$26,803.80	6 wks	Southwire
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,592.00	6 wks	Southwire	\$5,258.40	6 wks	Southwire
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	\$1,029.60	6 wks	Southwire	\$1,094.61	6 wks	Southwire
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri	FT	75,000	\$111,453.75	10 wks	Southwire	\$109,965.00	10 wks	Southwire
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	\$1,110.24	6 wks	Southwire	\$6,247.80	6 wks	Southwire
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	\$6,444.80	6 wks	Southwire	\$6,247.80	6 wks	Southwire
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	\$24,684.80	6 wks	Southwire	\$23,862.24	6 wks	Southwire
12	14086	Wire, ACSR, 477, 26/7, Hawk	FT	34,680	\$22,368.60	6 wks	Southwire	\$21,671.53	6 wks	Southwire
13	2245	Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	\$108,098.55	16 wks / EX 1	Hendrix	\$113,152.95	10 wks	Southwire
14	2246	Wire in Duct, AL 15kV 1/0 Str, 1/C	FT	135,000	\$173,691.00	16 wks / EX 1	Hendrix	\$189,918.00	14 wks	Southwire
15	2220	Wire, Copper, 15kV, 500 MCM Str, EPR	FT	39,600	NB			\$197,841.60	12 wks	Kerite
16		Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	\$120,497.63	16 wks / EX 1	Hendrix	\$132,945.30	10 wks	Southwire
17		Wire in Duct, AL 15kV 1/0 Str, 1/C, Jacketed		121,500	\$168,727.05	16 wks / EX 1	Hendrix	\$179,103.15	12 wks	Southwire
18		Wire, Copper, 15kV, 500 MCM Str, EPR, Jacketed		39,600	NB			\$214,909.20	12 wks	Kerite
					EX 1:	Reel Size / Escalation clause				

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	WESCO (Alt-1)			Crescent		
					Extended Price	Lead Time/Exceptions	Manufacturer	Extended Price	Lead Time/Exceptions	Manufacturer
1	2195	Wire, Copper, #8 SD, Solid, Bare	FT	3,000				\$223.17	2 wks	Alan
2	2196	Wire, Copper, #6 SD, Solid, Bare	FT	23,940	NB			\$2,884.77	2 wks	Alan
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	NB			\$8,019.00	6 wks	Encore
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	\$4,939.20	14 wks	Nexans	\$4,953.60	8 wks	Alcan
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$29,556.00	18 wks	Nexans	\$28,962.00	8 wks	Alcan
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,682.00	18 wks	Nexans	\$5,547.60	8 wks	Alcan
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	\$951.72	10 wks	Nexans	\$1,023.00	8 wks	Alcan
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri	FT	75,000	\$138,900.00	21 wks	Nexans	NB		
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	\$1,136.45	12 wks	Nexans	\$1,104.92	8 wks	Alcan
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	\$6,556.67	6 wks	Nexans	\$6,658.82	8 wks	Alcan
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	\$24,058.56	10 wks	Nexans	\$25,128.64	8 wks	Alcan
12	14086	Wire, ACSR, 477, 26/7, Hawk	FT	34,680	\$22,299.24	10 wks	Nexans	\$23,072.60	8 wks	Alcan
13	2245	Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	\$111,658.50	14 wks	Nexans	NB		
14	2246	Wire in Duct, AL 15kV 1/0 Str, 1/C	FT	135,000	\$212,490.00	16 wks	Nexans	NB		
15	2220	Wire, Copper, 15kV, 500 MCM Str, EPR	FT	39,600	NB			NB		
16		Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	\$129,348.90	16 wks	Nexans	NB		
17		Wire in Duct, AL 15kV 1/0 Str, 1/C, Jacketed		121,500	\$206,428.50	17 wks	Nexans	NB		
18		Wire, Copper, 15kV, 500 MCM Str, EPR, Jacketed		39,600	NB			NB		

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	RESCO		RESCO	
					Extended Price	Lead Time/Exceptions	Extended Price	Lead Time/Exceptions
1	2195	Wire, Copper, #6 SD Solid, Bare	FT	3,000	\$267.00	2 wks	NB	
2	2196	Wire, Copper, #6 SD Solid, Bare	FT	23,940	\$3,447.36	2 wks	NB	
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	NB			
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	\$5,745.60	11 wks	Nehring	13 wks
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$27,270.00	10 wks	Pirelli	19 wks
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,350.20	10 wks	Pirelli	19 wks
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	NB			
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri,	FT	75,000	\$119,925.00	14 wks	Pirelli	22 wks
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	\$1,187.34	6 wks	Nehring	13 wks
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	\$7,271.68	6 wks	Nehring	8 wks
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	\$27,603.20	11 wks	Nehring	9 wks
12	14086	Wire, ACSR, 477, 2677, Hawk	FT	34,680	\$25,732.56	8 wks	Nehring	9 wks
13	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	\$140,575.50	45 wks	Pirelli	
14	2246	Wire in Duct, AL 15KV 1/0 Str, 1/C	FT	135,000	\$234,900.00	47 wks	Pirelli	
15	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	FT	39,600	\$215,107.20	45 wks	Pirelli	
16		Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	\$148,108.50	45 wks	Pirelli	
17		Wire in Duct, AL 15KV 1/0 Str, 1/C, Jacketed		121,500	\$222,952.50	46 wks	Pirelli	
18		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed		39,600	\$215,820.00	45 wks	Pirelli	

CABLE AND CONDUCTOR
2004 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	Extended Price	Lead Time/Exceptions	Manufacturer
1	2195	Wire, Copper, #8 SD Solid, Bare	FT	3,000	NB		
2	2196	Wire, Copper, #6 SD Solid, Bare	FT	23,940	NB		
3	2212	Wire, Copper, 600V, 12-2 Solid w/Gr	FT	55,000	NB		
4	2231	Wire, AL, 600V, #2-#4 ACSR NEU Tri,	FT	14,400	NB		
5	2239	Wire, AL, 600V, 350-4/0 NEU YS Tri	FT	18,000	\$28,098.00	14 wks / EX 1	Nexans
6	2237	Wire, AL, 600V, 4/0-2/0 NEU YS Tri	FT	6,000	\$5,412.00	11 wks / EX 1	Nexans
7	2230	Wire, AL, 600V, #6 Dup, Sheppard	FT	6,600	NB		
8	2238	Wire in Duct, AL, 600V, 4/0-2/0 Tri	FT	75,000	\$134,175.00	16 wks / EX 2	Nexans
9	2222	Wire, ACSR, #4, 6/1, Swan	FT	15,420	NB		
10	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	24,320	NB		
11	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	60,800	NB		
12	14086	Wire, ACSR, 477, 26/7, Hawk	FT	34,680	NB		
13	2245	Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE	FT	121,500	NB		
14	2246	Wire in Duct, AL, 15kV 1/0 Str, 1/C	FT	135,000	NB		
15	2220	Wire, Copper, 15kV, 500 MCM Str, EPR	FT	39,600	NB		
16		Wire, AL, 15kV, 1/0 Str, 1/C, 220 XLPE, Jacketed		121,500	NB		
17		Wire in Duct, AL, 15kV 1/0 Str, 1/C, Jacketed		121,500	NB		
18		Wire, Copper, 15kV, 500 MCM Str, EPR, Jacketed		39,600	NB		



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to reject the low bidder on items 16, 17, and 18 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 27th day of January, 2004.

President

Secretary



RESOLUTION

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

<u>Item #</u>	<u>Description</u>
9	“SWAN”, #4 ACSR Bare, 6/1, 15,420 ft. per reel
15	500 MCM, 15kV, 1/C Stranded Copper

The amount of the purchase order agreement to be ONE HUNDRED SEVENTY-FOUR THOUSAND EIGHT HUNDRED FIFTY-FOUR AND 50/100 DOLLARS (\$174,854.50) and Border States Electric being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27^h day of January, 2004.

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 Electric for Wire and Cable.

<u>Item #</u>	<u>Description</u>
13	1/0, 15kV, 1/C Stranded Aluminum with strand-fill
14	Primary Cable in Conduit, 15 kV, 1/0, 1/C Stranded Aluminum Conductor

The amount of the purchase order agreement to be TWO HUNDRED EIGHTY-ONE THOUSAND SEVEN HUNDRED EIGHTY-NINE AND 55/100 DOLLARS (\$281,789.55) and Graybar Electric being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27^h day of January, 2004.

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>
3	No. 12-2 with Ground, Copper, U.F., 600 V
5	Weslyan", (Triplex Stranded Aluminum), 600V, 350 MCM
6	"Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 AWG
8	Cable in Conduit, Al, 600V, Triplex, 4/0-2/0 URD
10	"Penguin", 4/0 ACSR Bare, 6/1
12	"Hawk", 477 ACSR Bare, 26/7

The amount of the purchase order agreement to be ONE HUNDRED SEVENTY-SEVEN THOUSAND NINE HUNDRED TWO AND 28/100 (\$177,902.28) and Wesco being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27th day of January, 2004.

President

Secretary