

FOR BOARD ACTION

Agenda Item # 6. a.

Meeting Date:

1/24/05

SUBJECT: CONSIDERATION OF BIDS
WIRE AND CABLE 2005

PREPARED BY: Steven J. Cook
Senior Electrical Engineer

ITEM DESCRIPTION:

On January 12, 2005, six vendors submitted responsible bids to supply some or all of thirteen types of specified cable and conductor. Award to the lowest priced, responsible bidder, is recommended for Items 1 thru 8. For Items 9 thru 13 RPU does not plan on purchasing these items at this time so it is recommended that the Board reject all bids for Items 9 thru 13.

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 8 items will be \$793,021.35. 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 15 to 40 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>
3, 5	Border States Electric	\$ 25,326.98
2	RESCO	\$ 102,492.00
1, 4, 6, 7, 8	WESCO	\$ 665,202.37

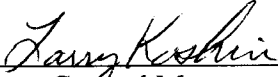
The Border States purchase is presented for information only and does not require Utility Board action due to the value of the purchase being less than \$50,000.

UTILITY BOARD ACTION REQUESTED:

It is recommended that the Board reject all bids for Items 9 thru 13.

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

- a. RESCO as lowest responsible bidder for item 2.
- b. WESCO as lowest responsible bidder for items 1, 4, 6, 7, and 8.


General Manager

1-20-05
Date

2005 CABLE AND WIRE
 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	Border States Electric			Border States Electric			Bummeister Electric		
					Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer
1	2238	Wire, AL, 600V, 350-410 NEU Tri	FT	30,000	\$57,810.00	12	General	\$62,610.00		ALCAN	NB		
2	2238	Wire, AL, 600V, 410-210 NEU Tri, ChnC	FT	60,000	\$21,300.00	12	General	\$104,400.00	18	ALCAN	\$109,140.00	18	ARNCO
3	2225	Wire, ACSR, 410, 6/1, Penguin	FT	30,400	\$10,969.84	2	General	\$10,969.84	12	ALCAN	\$11,552.00	6	Nexans
4	2226	Wire, ACSR, 396.4, 191, Merlin	FT	85,425	\$45,189.83	2	General	\$46,471.20	12	ALCAN	\$46,596.63	stock	Nexans
5	14086	Wire, ACSR, 477, 267, Hawk	FT	17,340	\$18,312.00	2	General	\$18,312.00	21000 min	ALCAN	\$15,345.00	stock	Nexans
6	2245	Wire, AL, 15kV, 110 Str, 1/C, 220 XLPE	FT	94,500	\$119,235.00	15	General				NB		
7	2246	Wire in Duct, AL, 15kV, 110 Str, 1/C	FT	135,000	\$247,050.00	17	General	\$257,040.00	18	ARNCO	\$285,390.00	18	ARNCO
8	2220	Wire, Copper, 15kV, 500 MCM Str, EPR	FT	39,600	\$230,670.00	15	General				\$232,610.40	16	Okonite
9		Wire, AL, 15kV, 110 Str, 1/C, 220 XLPE, Jacketed	FT	94,500	\$126,919.50	15	General				NB		
10		Wire in Duct, AL, 15kV, 110 Str, 1/C, Jacketed	FT	135,000	\$260,550.00	17	General	\$269,325.00	18	ARNCO	\$285,390.00	18	ARNCO
11		Wire, Copper, 15kV, 500 MCM Str, EPR, Jacketed	FT	39,600	\$238,392.00	15	General				\$243,223.20	16	Okonite
12		Wire, AL, 15kV, 750 MCM Str, EPR, Jacketed	FT	39,600	\$158,598.00	15	General				\$348,519.60		Okonite
13		Wire, AL, 600V, 410-210 NEU Tri	FT	60,000	\$66,420.00	2	General	\$71,520.00	12	ALCAN	NB		
TOTAL PURCHASE					\$25,326.98			\$0.00			\$0.00		

2005 CABLE AND WIRE
 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	Crescent Electric			GRAYBAR			RESCO		
					Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer
1	2238	Wire, AL, 600V, 350-4/0 NEU, Tri	FT	30,000	\$62,580.00	12	Phelps	\$57,246.00	10	Southwire	\$62,280.00	24	Pirelli
2	2238	Wire, AL, 600V, 4/0-2/0 NEU, Tri, CirC	FT	60,000	NB			\$106,668.00	10	Southwire	\$116,340.00	28	Pirelli
3	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	30,400	\$13,132.80	14	Has Ceilik	\$10,861.92	10	Southwire	\$11,308.80	9	Nehring
4	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	85,425	\$50,742.45	14	Has Ceilik	\$45,763.63	10	Southwire	\$47,667.15	9	Nehring
5	14086	Wire, ACSR, 477, 267, Hawk	FT	17,340	\$17,062.56	14	Has Ceilik	\$14,988.70	10	Southwire	\$16,611.72	9	Nehring
6	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	FT	94,500	\$128,142.00	14	Gaon	\$113,899.80	10	Hendrix	\$116,613.00	12	Pirelli
7	2246	Wire in Duct, AL, 15KV, 1/0 Str, 1/C	FT	135,000	NB			\$227,610.00	14	Hendrix	\$236,520.00	16	Pirelli
8	2220	Wire, Copper, 15KV, 500 MCM, Str, EPR	FT	39,600	\$265,953.60	14	Gaon	NB			\$247,519.20	12	Pirelli
9		Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	FT	94,500	\$131,638.50	14	Gaon	\$137,270.70	10	Hendrix	\$134,378.00	12	Pirelli
10		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, Jacketed	FT	135,000	NB			\$275,271.75	10	Hendrix	\$262,440.00	16	Pirelli
11		Wire, Copper, 15KV, 500 MCM, Str, EPR, Jacketed	FT	39,600	\$270,943.20	14	Gaon	NB			\$265,924.80	12	Pirelli
12		Wire, AL, 15KV, 750 MCM, Str, EPR, Jacketed	FT	39,600	\$169,290.00	14	Gaon	NB			\$174,726.00	12	Pirelli
13		Wire, AL, 600V, 4/0-2/0 NEU, Tri	FT	60,000	\$74,400.00	12	Phelp	\$68,742.00	10	Southwire	\$72,600.00	24	Pirelli
TOTAL PURCHASE					\$0.00			\$0.00			\$0.00	0	

2005 CABLE AND WIRE
 BID RESULTS

Bid Item Number	Material Number	Description	U/M	Bid Qty	RESCO			WESCO			
					Extended Price	Lead Time/ Exceptions	Manufacturer	Extended Price	Lead Time/ Exceptions	Manufacturer	
1	2239	Wire, AL, 600V, 350-4/0 NEU Tr	FT	30,000	\$61,980.00	12	Alcan	\$65,773.00	10	Southwire	
2	2238	Wire, AL, 600V, 4/0-2/0 NEU Tr, CnC	FT	60,000	\$160,800.00	18	Amco	\$105,648.00	10	Southwire	
3	2225	Wire, ACSR, 4/0, 6/1, Penguin	FT	30,400	\$10,655.84	12	Alcan	\$10,773.76	10	Southwire	
4	2226	Wire, ACSR, 336.4, 18/1, Merlin	FT	85,425	\$46,069.70	12	Alcan	\$45,061.69	10	Southwire	
5	14086	Wire, ACSR, 477, 26/7, Hawk	FT	17,340	\$18,116.70	21000 ft	Alcan	\$14,875.99	10	Southwire	
6	2245	Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE	FT	94,500					10	Southwire	
7	2246	Wire in Duct, AL, 15KV, 1/0 Str, 1/C	FT	135,000	\$255,676.50	18	Amco	\$263,749.50	14	Southwire	
8	2220	Wire, Copper, 15KV, 500 MCM Str, EPR	FT	39,600					7	Kerite	
9		Wire, AL, 15KV, 1/0 Str, 1/C, 220 XLPE, Jacketed	FT	94,500					10	Southwire	
10		Wire in Duct, AL, 15KV, 1/0 Str, 1/C, Jacketed	FT	135,000	\$267,934.50	18	Amco	\$278,201.25	14	Southwire	
11		Wire, Copper, 15KV, 500 MCM Str, EPR, Jacketed	FT	39,600					7	Kerite	
12		Wire, AL, 15KV, 750 MCM Str, EPR, Jacketed	FT	39,600					7	Kerite	
13		Wire, AL, 600V, 4/0-2/0 NEU Tr	FT	60,000	\$71,154.00	12	Alcan	\$66,150.00	10	Southwire	
TOTAL PURCHASE					\$102,492.00			\$620,183.40			\$45,018.97

Resco

BID PROPOSAL

Date: 1-10-05

Honorable Public Utility Board
City of Rochester, MN 55906-2813

Board Members:

The undersigned hereby proposed to furnish and deliver the following equipment f.o.b. Rochester, MN, in accordance with the attached specifications and other Proposal Documents. Exceptions to the provisions of these Documents, if any, are attached to and made a part of this Bid Proposal.

NOTE: All bids to conform with the metal base price of:
Wire Bar Copper = \$1.4335 per lb.
Aluminum = \$0.8850 per lb.

Prices will escalate upward or downward based on prices of metal at time of shipment.

BID ITEM NO. 1

"Weslyan", (Triplex Stranded Aluminum), 600V, 350 MCM Phase Conductor, 4/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.
1,000 ft. per reel.
Reel Size Limits: maximum flange diameter 50", maximum overall width of 32", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary URD Multiplexed

RPU Stock Number: 2239

Quantity: 30,000 feet (30 reels)

Mfgr: Pirelli 301117A

Bid Price: 2,076.00 per M/ft. TOTAL: \$ 62,280.00

Delivery: Currently 22-24 wks for shipping, subject to change
(After receipt of purchase order or contract)
at time of order receipt.

BID PROPOSAL

Honorable Public Utility Board
City of Rochester, MN 55906-2813

Date: 1-10-05

Board Members:

The undersigned hereby proposed to furnish and deliver the following equipment f.o.b. Rochester, MN, in accordance with the attached specifications and other Proposal Documents. Exceptions to the provisions of these Documents, if any, are attached to and made a part of this Bid Proposal.

NOTE: All bids to conform with the metal base price of:
Wire Bar Copper = \$1.4335 per lb.
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Prices will escalate upward or downward based on prices of metal at time of shipment.

BID ITEM NO. 1

"Weslyan", (Triplex Stranded Aluminum), 600V, 350 MCM Phase Conductor, 4/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.

1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 50", maximum overall width of 32", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary URD Multiplexed

RPU Stock Number: 2239

Quantity: 30,000 feet (30 reels)

Mfgr: Alcan Wesleyan

Bid Price: 2,066.00 per M/ft. TOTAL: \$ 61,980.00

Delivery: Factory Stock to 12 wks After receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 2

Cable in Conduit, Al, 600V, Triplex, 4/0-2/0 URD 2" (inch) Schedule 40 red duct extruded over "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.

1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 72", maximum overall width of 38", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary Cable in Conduit

RPU Stock Number: 2238

Quantity: 60,000 feet (60 reels)

Mfgr: Pirelli Sweetbriar in duct

Bid Price: 1,939.00 per M/ft. TOTAL: \$ 116,340.00

First Delivery: Current lead time is 26-28 weeks for shipping, subject
(After receipt of purchase order or contract)

**Note: The delivery of this item will be split into separate deliveries.
to change at time of order receipt.**

BID ITEM NO. 3

"Penguin", 4/0 ACSR Bare, 6/1.

6,080 ft. per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 2225

Quantity: 30,400 feet (5 reels)

Mfgr: Nehring Perquin

Bid Price: \$372.00 per M/ft. TOTAL: \$ 11,308.80

Delivery: 7-9 weeks After receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 2

Cable in Conduit, Al, 600V, Triplex, 4/0-2/0 URD 2" (inch) Schedule 40 red duct extruded over "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.

1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 72", maximum overall width of 38", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary Cable in Conduit

RPU Stock Number: 2238

Quantity: 60,000 feet (60 reels)

Mfgr: _____

Bid Price: _____ per M/ft. TOTAL: \$ _____

First Delivery: _____
(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

BID ITEM NO. 3

"Penguin", 4/0 ACSR Bare, 6/1.

6,080 ft. per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 2225

Quantity: 30,400 feet (5 reels)

Mfgr: Alcan Penguin

Bid Price: 357.10 per M/ft. TOTAL: \$ 10,855.84

Delivery: Factory Stock to 12 wks After receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 2

Cable in Conduit, Al, 600V, Triplex, 4/0-2/0 URD 2" (inch) Schedule 40 red duct extruded over "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.

1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 72", maximum overall width of 38", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary Cable in Conduit

RPU Stock Number: 2238

Quantity: 60,000 feet (60 reels)

Mfgr: Arnco

Bid Price: 1708.20 per M/ft. TOTAL: \$ 102,492.00

First Delivery: 16-18 weeks After Receipt of Order
(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

BID ITEM NO. 3

"Penguin", 4/0 ACSR Bare, 6/1.

6,080 ft. per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 2225

Quantity: 30,400 feet (5 reels)

Mfgr: _____

Bid Price: _____ per M/ft. TOTAL: \$ _____

Delivery: _____
(After receipt of purchase order or contract)

BID ITEM NO. 4

"Merlin", 336.4 ACSR Bare, 18/1.

5,695 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number 2226

Quantity: 85,425 feet (15 reels)

Mfgr: Nehring Merlin

Bid Price: \$558.00 per M/ft. TOTAL: \$ 47,667.15

Delivery: 7-9 weeks After receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 5

"Hawk", 477 ACSR Bare, 26/7

5,780 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 14086

Quantity: 17,340 feet (3 reels)

Mfgr: Nehring Hawk

Bid Price: \$958.00 per M/ft. TOTAL: \$ 16,611.72

Delivery: 7-9 weeks After receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 4

"Merlin", 336.4 ACSR Bare, 18/1.

5,695 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number 2226

Quantity: 85,425 feet (15 reels)

Mfgr: Alcan Merlin

Bid Price: 539.30 per M/ft. TOTAL: \$ 46,069.70

Delivery: Factory Stock to 12 wks after receipt of order
(After receipt of purchase order or contract)

BID ITEM NO. 5

"Hawk", 477 ACSR Bare, 26/7

5,780 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 14086

Quantity: ~~17,340~~ 21,000 feet (3 reels)

Mfgr: Alcan Hawk

Bid Price: 862.70 per M/ft. TOTAL: \$ 18,116.70

Delivery: Factory Stock to 12 wks After receipt of order
(After receipt of purchase order or contract)
21,000 ft minimum order Quantity.

BID ITEM NO. 6

1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill, .220 TR-XLPE Insulation, Non-Jacketed, with full concentric neutral, 16-#14 Copper.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 45", maximum overall width of 28", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Non Jacketed XLPE

RPU Stock Number: 2245

Quantity: 94,500 feet (35 reels)

Mfgr: Pirelli QXE520A

Bid Price: 1,234.00 per M/ft. TOTAL: \$ 116,613.00

Delivery: Current lead time is 10-12 weeks for shipping, subject

(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

to change at order receipt.

BID ITEM NO. 7

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Non Jacketed

RPU Stock Number: 2246

Quantity: 135,000 feet (50 reels)

Mfgr: Pirelli Cable in Duct

Bid Price: 1,752.00 per M/ft. TOTAL: \$ 236,520.00

Delivery: Current lead time is 14-16 wks for shipping, subject

(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

to change at time of order receipt.

BID ITEM NO. 6

1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill, .220 TR-XLPE Insulation, Non-Jacketed, with full concentric neutral, 16-#14 Copper.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 45", maximum overall width of 28", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Non Jacketed XLPE

RPU Stock Number: 2245

Quantity: 94,500 feet (35 reels)

Mfgr: _____

Bid Price: _____ per M/ft. TOTAL: \$ _____

Delivery: _____

(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

BID ITEM NO. 7

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Non Jacketed

RPU Stock Number: 2246

Quantity: 135,000 feet (50 reels)

Mfgr: Arnco

Bid Price: 1,893.90 per M/ft. TOTAL: \$ 255,676.50

Delivery: 16 - 18 weeks After Receipt of Order

(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

BID ITEM NO. 8

500 KCMIL, 15kV, 1/C Stranded Copper, strand-filled, 0.220 mil EPR Insulation with 1/3 Concentric Neutral, 17-#10 Copper.
2,200 ft. per reel.
Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Non Jacketed EPR

RPU Stock Number: 2220

Quantity: 39,600 feet (18 reels)

Mfgr: Pirelli QXE524A

Bid Price: 6,242.00 * per M/ft. TOTAL: \$ 247,183.20 *

Delivery: Currently 10-12 wks for shipping, subject to change at
(After receipt of purchase order or contract)

time of order receipt.

* Plus Wood Lagging charges of \$280.00/ reel.

BID ITEM NO. 9

1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill, .220 TR-XLPE Insulation, Jacketed, with full concentric neutral, 16-#14 Copper.
2,700 ft. per reel.
Reel Size Limits: maximum flange diameter 45", maximum overall width of 28", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed XLPE

RPU Stock Number:

Quantity: 94,500 feet (35 reels)

Mfgr: Pirelli QXA950A

Bid Price: 1,422.00 per M/ft. TOTAL: \$ 134,379.00

Delivery: Currently 10-12 wks for shipping, subject to change
(After receipt of purchase order or contract)

at time of order receipt.

BID ITEM NO. 10

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation, Jacketed, with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Jacketed

RPU Stock Number:

Quantity: 135,000 feet (50 reels)

Mfgr: Pirelli Cable in duct

Bid Price: 1,944.00 per M/ft. TOTAL: \$ 262,440.00

Delivery: Current lead time is 14-16 wks for shipping, subject
(After receipt of purchase order or contract)
to change at time of order receipt.

BID ITEM NO. 11

500 KCMIL, 15kV, 1/C Stranded Copper, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper.

2,200 ft. per reel.

Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr: Pirelli QXA949A

Bid Price: 6,588.00 * per M/ft. TOTAL: \$ 260,884.80 *

Delivery: Current lead time is 10-12 wks for shipping, subject to
(After receipt of purchase order or contract)
change at time of order receipt.

* Plus Wood Lagging Charges of \$280.00/reel.

BID ITEM NO. 10

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation, Jacketed, with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Jacketed

RPU Stock Number:

Quantity: 135,000 feet (50 reels)

Mfgr: Aruco

Bid Price: 1,984.70 per M/ft. TOTAL: \$ 267,934.50

Delivery: 16 - 18 weeks After Receipt of Order
(After receipt of purchase order or contract)

BID ITEM NO. 11

500 KCMIL, 15kV, 1/C Stranded Copper, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper.

2,200 ft. per reel.

Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr: _____

Bid Price: _____ per M/ft. TOTAL: \$ _____

Delivery: _____
(After receipt of purchase order or contract)

BID ITEM NO. 12

750 KCMIL, 15KV, 1/C Stranded Aluminum, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper, reel designation.
2,200 ft. per reel.

Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3"

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr. Pirelli QXX966A

Bid Price: 4,285.00 * per M/ft. TOTAL: \$ 169,686.00 *

Delivery: Current Lead time is 10 - 12 wks for shipping, subject
(After receipt of purchase order or contract)

change at time of order receipt.

*** Plus Wood Lagging Charges of \$280.00/ reel.**

BID ITEM NO. 13

AI, 600V, Triplex, 4/0-2/0 URD "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.
1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 42", maximum overall width of 26", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary

RPU Stock Number:

Quantity: 60,000 feet (60 reels)

Mfgr. Pirelli 301115A

Bid Price: 1,210.00 per M/ft. TOTAL: \$ 72,600.00

First Delivery: Current lead time is 22-24 wks for shipping, subject
(After receipt of purchase order or contract)

to change at time of order receipt.

BID ITEM NO. 12

750 KCMIL, 15kV, 1/C Stranded Aluminum, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper, reel designation.
2,200 ft. per reel.
Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3"

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr: _____

Bid Price: _____ per M/ft. TOTAL: \$ _____

Delivery: _____
(After receipt of purchase order or contract)

BID ITEM NO. 13

Al, 600V, Triplex, 4/0-2/0 URD "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.
1,000 ft. per reel.
Reel Size Limits: maximum flange diameter 42", maximum overall width of 26", minimum arbor hole diameter of 3"

Specification Name: **Cable, Secondary**

RPU Stock Number:

Quantity: 60,000 feet (60 reels)

Mfgr: Alcan Sweetbriar

Bid Price: 1,185.90 per M/ft. TOTAL: \$ 71,154.00

First Delivery: Factory Stock to 12 wks after receipt of order.
(After receipt of purchase order or contract)

Accompanying this Proposal is a Bid Bond payable to the City of Rochester in the amount of \$ five percent which is equal to **five percent (5%) of the total bid price for items 1 thru 8**. It is understood that this Proposal is submitted pursuant to the NOTICE TO BIDDERS, attached hereto, and the Undersigned hereby agrees to the terms and conditions thereof. The Undersigned warrants that this Proposal is submitted in good faith and without collusion or connection with any other person or persons bidding for the same work. In the event that this Proposal is accepted, the Undersigned hereby agrees to deliver the bid items with ~~lead time per item~~ weeks after receipt of a signed Purchase Order and/or any other legally executed contract document(s).

BIDDER RESCO

4100 30th Ave South
ADDRESS Moorhead, MN 56560

PHONE NO. 800-346-3330 Fax: 218-233-0695

BY Patricia E. Otto

Patricia E. Otto

TITLE Customer Service Representative

See attached Alcan Notes

See attached Pirelli Notes as well as their Terms & Conditions

See attached RESCO Terms & Conditions

see attached Arco notes

JAN - 4 2005

**ADDENDUM NO. 1
ROCHESTER PUBLIC UTILITIES**

**TO THE SPECIFICATION FOR THE PURCHASE OF ELECTRIC CABLE AND
CONDUCTOR**

**BID OPENING
January 12, 2005**

TO ALL BIDDERS: The following documents are hereby revised in accordance with the items set forth herein.

- 1) SPECIFICATIONS FOR CABLE AND CONDUCTOR (document footer: Addendum 1, Dec 30, 2004)
- 2) BID PROPOSAL (document footer: Addendum 1, Dec 30, 2004)

The documents listed above replace the original bid documents with the same title in their entirety and the Addendum documents should be used in preparation of the bid. This addendum to the specification documents is hereby made a part of the bid documents for the above-entitled bid, to the same extent as though it was originally contained herein.

All bidders are expected to thoroughly examine each Addendum Document, regardless of its apparent application(s) and shall be held responsible for furnishing all materials per the bid documents. Items herein shall take precedence over any clauses, which they modify in the original bid documents, which they modify or supplement.

Bidders are expected to return a signed dated copy of this document with their Bid Proposal (Addendum 1, December 30, 2004).

Signature: Patricia E. Otto

Date: 1-10-05

JAN 10 2005

**ADDENDUM NO. 2
ROCHESTER PUBLIC UTILITIES**

**TO THE SPECIFICATION FOR THE PURCHASE OF ELECTRIC CABLE AND
CONDUCTOR**

**BID OPENING
January 12, 2005**

TO ALL BIDDERS: The following documents are hereby revised in accordance with the items set forth herein.

- 1) SPECIFICATIONS FOR CABLE AND CONDUCTOR (document footer: Addendum 1, Dec 30, 2004)
- 2) BID PROPOSAL (document footer: Addendum 2, Jan 04, 2005)

The documents listed above replace the original bid documents with the same title in their entirety and the Addendum documents should be used in preparation of the bid. This addendum to the specification documents is hereby made a part of the bid documents for the above-entitled bid, to the same extent as though it was originally contained herein.

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Bidders are expected to return a signed dated copy of this document with their Bid Proposal (Addendum 2, January 4, 2005).

Signature: Patricia L. Otto

Date: 1-10-05

WESCO
the extra
effort people



2015 SILVER BELL RD
SUITE 150
EAGAN MN 55122

Quotation

This quotation constitutes an offer to sell which offer expressly limits acceptance to the terms of this offer on the back of this quotation. This offer shall be firm for a period of fifteen days (15) from the date of this offer. Subject to Buyer's creditworthiness, the return of this form with a Purchase Order number or any other reasonable manner of acceptance will be sufficient to form an agreement on the terms and conditions on the back of this quotation.

To: ROCHESTER PUB UTILITIES
4000 E. RIVER ROAD NE
ATT: DISBURSEMENT AUDIT
ROCHESTER MN 55904

Date: 01/10/05
Project Name or Number: 1.12.05 WIRE QUOTE
Date of Your Inquiry: 01/10/05
When ordering please refer to Quotation Number: 199751

Item	Quantity	Catalog Number and Description	Unit Price	U/M	Total Price	Rate of Cash Discount	Shipping Time (Weeks)
		<p>WESCO IS PLEASED TO QUOTE ON YOUR 2005 WIRE & CABLE BUSINESS FOR '05 THIS QUOTE IS OFFERED UNDER TERMS & CONDITIONS 110100 AS WELL AS ADD'L MANUFACTURERS TERMS PER ATTACHED INFORMATION THANK YOU, R. PLINSKE 800-328-9557</p>					

F.O.B. Point of Shipment. The prices stated in this offer shall, unless renewed, automatically expire fifteen days (15) from the date of this offer.

Per *R. Plinske*

BID PROPOSAL

Honorable Public Utility Board
City of Rochester, MN 55906-2813

Date: 1-11-05

Board Members:

The undersigned hereby proposed to furnish and deliver the following equipment f.o.b. Rochester, MN, in accordance with the attached specifications and other Proposal Documents. Exceptions to the provisions of these Documents, if any, are attached to and made a part of this Bid Proposal.

NOTE: All bids to conform with the metal base price of:
Wire Bar Copper = \$1.4335 per lb.
Aluminum = \$0.8850 per lb.

Prices will escalate upward or downward based on prices of metal at time of shipment.

BID ITEM NO. 1

"Weslyan", (Triplex Stranded Aluminum), 600V, 350 MCM Phase Conductor, 4/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.
1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 50", maximum overall width of 32", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary URD Multiplexed

RPU Stock Number: 2239

Quantity: 30,000 feet (30 reels)

Mfg: SOUTHWIRE

Bid Price: 1859.00 per M/ft. TOTAL: \$ 55,770.00

Delivery: 8-10 WKS
(After receipt of purchase order or contract)

BID ITEM NO. 2

Cable in Conduit, Al, 600V, Triplex, 4/0-2/0 URD 2" (inch) Schedule 40 red duct extruded over "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.

1,000 ft. per reel.

Reel Size Limits: maximum flange diameter 72", maximum overall width of 38", minimum arbor hole diameter of 3"

Specification Name: Cable, Secondary Cable in Conduit

RPU Stock Number: 2238

Quantity: 60,000 feet (60 reels)

Mfgr: SOUTHWIRE

Bid Price: 1,762.80 per M/ft. TOTAL: \$ 105,648.00

First Delivery: 8-10 WKS
(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

ALTERNATE: ARNCO \$1,762.00 (\$105,720.00) 16-18 WKS

BID ITEM NO. 3

"Penguin", 4/0 ACSR Bare, 6/1.

6,080 ft. per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 2225

Quantity: 30,400 feet (5 reels)

Mfgr: SOUTHWIRE

Bid Price: 354.40 per M/ft. TOTAL: \$ 10,773.76

Delivery: 8-10 WKS
(After receipt of purchase order or contract)

ALTERNATE: NEXANS \$368.00 (\$11,187.20) 5-6 WKS

BID ITEM NO. 4

"Merlin", 336.4 ACSR Bare, 18/1.
5,695 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number 2226

Quantity: 85,425 feet (15 reels)

Mfgr: SOUTHWIRE

Bid Price: 527.50 per M/ft. TOTAL: \$ 45,061.69

Delivery: 8-10 WKS
(After receipt of purchase order or contract)

ALTERNATE: NEXANS \$527.00 (\$45,018.97) 5-6 WKS

BID ITEM NO. 5

"Hawk", 477 ACSR Bare, 26/7
5,780 ft per reel.

Reel size limits: maximum flange diameter of 60", maximum overall width of 36", minimum arbor hole 3" diameter.

RPU Stock Number: 14086

Quantity: 17,340 feet (3 reels)

Mfgr: SOUTHWIRE

Bid Price: 857.90 per M/ft. TOTAL: \$ 14,875.99

Delivery: 8-10 WKS
(After receipt of purchase order or contract)

ALTERNATE: NEXANS \$857.00 (\$14,860.38) 5-6 WKS

BID ITEM NO. 6

1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill, .220 TR-XLPE Insulation, Non-Jacketed, with full concentric neutral, 16-#14 Copper.
2,700 ft. per reel.
Reel Size Limits: maximum flange diameter 45", maximum overall width of 28", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Non Jacketed XLPE

RPU Stock Number: 2245

Quantity: 94,500 feet (35 reels)

Mfgr: SOUTHWIRE

Bid Price: 1194.00 per M/ft. TOTAL: \$ 112,833.00

Delivery: 8-10 WKS
(After receipt of purchase order or contract)

Note: The delivery of this item will be split into separate deliveries.

ALTERNATE: NEXANS \$1,236.90 (\$116,887.05) 6-8 WKS

BID ITEM NO. 7

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.
2,700 ft. per reel.
Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Non Jacketed

RPU Stock Number: 2246

Quantity: 135,000 feet (50 reels)

Mfgr: SOUTHWIRE

Bid Price: 1661.60 per M/ft. TOTAL: \$ 224,316.00

Delivery: 12-14 W
(After receipt of purchase order or contract)

ALTERNATE: ARMO \$1,953.70 (\$263,749.50) 16-18 WKS

Note: The delivery of this item will be split into separate deliveries.

BID ITEM NO. 8

500 KCMIL, 15KV, 1/C Stranded Copper, strand-filled, 0.220 mil EPR Insulation with 1/3 Concentric Neutral, 17-#10 Copper.
2,200 ft. per reel.
Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Non Jacketed EPR

RPU Stock Number: 2220

Quantity: 39,600 feet (18 reels)

Mfgr: KERITE

Bid Price: 5,739.00 per M/ft. TOTAL: \$ 227,264.40

Delivery: 5-7 WEEKS
(After receipt of purchase order or contract)

BID ITEM NO. 9

1/0 AWG, 15KV, 1/C Stranded Aluminum with strand-fill, .220 TR-XLPE Insulation, Jacketed, with full concentric neutral, 16-#14 Copper.
2,700 ft. per reel.
Reel Size Limits: maximum flange diameter 45", maximum overall width of 28", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed XLPE

RPU Stock Number:

Quantity: 94,500 feet (35 reels)

Mfgr: SOUTHWIDE

Bid Price: 1578.90 per M/ft. TOTAL: \$ 149,206.05

Delivery: 9-10WKS
(After receipt of purchase order or contract)

ALTERNATE: NEXANS \$1507.40 (\$142,449.30) 6-8WKS

BID ITEM NO. 10

Primary Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.220 TR-XLPE insulation, Jacketed, with full concentric neutral, 16-#14 copper. A 1-1/2" (inch) Schedule 40 black duct with red stripe shall be extruded over the cable.

2,700 ft. per reel.

Reel Size Limits: maximum flange diameter 86", maximum overall width of 44", minimum arbor hole diameter of 3".

Specification Name: Cable in Conduit, Primary Jacketed

RPU Stock Number:

Quantity: 135,000 feet (50 reels)

Mfgr: SOUTHWIRE

Bid Price: 2060.75 per M/ft. TOTAL: \$ 278,201.25

Delivery: 12-14 WKS
(After receipt of purchase order or contract)

ALTERNATE: ARNCO \$1,953.70 (\$263,749.50) 16-18 WKS

BID ITEM NO. 11

500 KCMIL, 15kV, 1/C Stranded Copper, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper.

2,200 ft. per reel.

Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr: KERITE

Bid Price: 6,149.00 per M/ft. TOTAL: \$ 243,500.40

Delivery: 5-7 WEEKS
(After receipt of purchase order or contract)

BID ITEM NO. 12

750 KCMIL, 15kV, 1/C Stranded Aluminum, strand-filled, 0.220 mil EPR Insulation, Jacketed, with 1/3 Concentric Neutral, 17-#10 Copper, reel designation.
2,200 ft. per reel.
Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3"

Specification Name: Cable, Primary Jacketed EPR

RPU Stock Number:

Quantity: 39,600 feet (18 reels)

Mfgr: KERITE

Bid Price: 4,191.00 per M/ft. TOTAL: \$ 165,963.60

Delivery: 5-7 WKS
(After receipt of purchase order or contract)

BID ITEM NO. 13

Al, 600V, Triplex, 4/0-2/0 URD "Sweetbriar", (Triplex Stranded Aluminum), 600V, 4/0 Phase Conductor, 2/0 Neutral with Yellow Insulation or Yellow Stripe on Jacket, XLP Insulation.
1,000 ft. per reel.
Reel Size Limits: maximum flange diameter 42", maximum overall width of 26", minimum arbor hole diameter of 3"

Specification Name: **Cable, Secondary**

RPU Stock Number:

Quantity: 60,000 feet (60 reels)

Mfgr: SOUTH WIRE

Bid Price: 1102.50 per M/ft. TOTAL: \$ 66,150.00

First Delivery: 8-10 WKS
(After receipt of purchase order or contract)

Accompanying this Proposal is a BID BOND payable to the City of Rochester in the amount of \$ 5% which is equal to **five percent (5%) of the total bid price for items 1 thru 8.** It is understood that this Proposal is submitted pursuant to the NOTICE TO BIDDERS, attached hereto, and the Undersigned hereby agrees to the terms and conditions thereof. The Undersigned warrants that this Proposal is submitted in good faith and without collusion or connection with any other person or persons bidding for the same work. In the event that this Proposal is accepted, the Undersigned hereby agrees to deliver the bid items with SEE QUOTE weeks after receipt of a signed Purchase Order and/or any other legally executed contract document(s).

BIDDER WESCO DISTRIBUTION

ADDRESS 2015 SILVER BELL ROAD, EAGAN, MN. 55122

PHONE NO. 800-328-9557

BY RONALD R. PLINSKE

TITLE SALCS



**ADDENDUM NO. 1
ROCHESTER PUBLIC UTILITIES**

**TO THE SPECIFICATION FOR THE PURCHASE OF ELECTRIC CABLE AND
CONDUCTOR**

**BID OPENING
January 12, 2005**

TO ALL BIDDERS: The following documents are hereby revised in accordance with the items set forth herein.

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All bidders are expected to thoroughly examine each Addendum Document, regardless of its apparent application(s) and shall be held responsible for furnishing all materials per the bid documents. Items herein shall take precedence over any clauses, which they modify in the original bid documents, which they modify or supplement.

Bidders are expected to return a signed dated copy of this document with their Bid Proposal (Addendum 1, December 30, 2004).

Signature: _____



Date: _____

1-11-05

JAN 06 2005

**ADDENDUM NO. 2
ROCHESTER PUBLIC UTILITIES**

**TO THE SPECIFICATION FOR THE PURCHASE OF ELECTRIC CABLE AND
CONDUCTOR**

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January 12, 2005**

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Bidders are expected to return a signed dated copy of this document with their Bid Proposal (Addendum 2, January 4, 2005).

Signature:



Date:

1-11-05



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to reject all bids on items 9, 10, 11, 12, and 13 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 24th day of January, 2005.

President

Secretary



RESOLUTION

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

<u>Item #</u>	<u>Description</u>
2	“Wire, AL, 600 V, 4/0-2/0 Neutral Triplex, Cable-in-Conduit

The amount of the purchase order agreement to be ONE HUNDRED TWO THOUSAND FOUR HUNDRED NINTY-TWO AND 00/100 DOLLARS (\$102,492.00) and RESCO being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 24th day of January, 2005.

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	Wire, AL, 600V, 350-4/0 Neutral Triplex Cable
4	Wire, ACSR, 336.4, 18/1, Merlin
6	Wire, AL, 15 KV, 1/0 Str., 1/C. 220 mil XLPE
7	Wire in Duct, AL, 15 KV, 1/0 Str, 1/C
8	Wire, Copper, 15 KV, 500 MCM Str, EPR

The amount of the purchase order agreement to be SIX HUNDRED SIXTY-FIVE THOUSAND TWO HUNDRED TWO AND 37/100 DOLLARS (\$665,202.37) and WESCO being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 24th day of January, 2005.

President

Secretary