

FOR BOARD ACTION

Agenda Item #

6.b.

Meeting Date:

1/30/07

SUBJECT:

CONSIDERATION OF BIDS
WIRE AND CABLE 2007

PREPARED BY:

Steven J. Cook
Senior Electrical Engineer

ITEM DESCRIPTION:

On January 23, 2007, six vendors submitted responsible bids to supply some or all of seven types of specified cable and conductor. Award to the lowest priced, responsible bidder, is recommended for Items 2 and 3.

Items 5 thru 7 are alternates for Item 4 and staff has not yet finished performing the required evaluations to recommend which item to purchase at this time. Staff intends to have a recommendation prepared for the February Board meeting as to the disposition of Bid Items 4 thru 7.

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 Items 2 and 3 will be \$314,692.02. The items purchased under this bid are the more specialized cable and wire that RPU uses in our electric system.

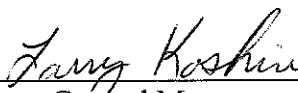
BID SUMMARY

<u>Item</u>	<u>Bidder</u>	<u>Bid Amount</u>
1	WESCO	\$ 45,178.00
2, 3	HENDRIX Wire and Cable	\$ 314,692.02

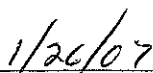
The WESCO Bid is presented for information only and does not require Utility Board action due to the value of the purchase being less than \$50,000.

UTILITY BOARD ACTION REQUESTED:

It is recommended that the Board approve purchase order agreements with HENDRIX Wire and Cable as lowest responsible bidder for Item 2 and 3.



General Manager



Date

ROCHESTER PUBLIC UTILITIES

PROPOSAL

Date: January 19, 2007

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:
Copper = \$2 6107 per lb
Aluminum = \$1 2301 per lb.

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

SUPPLIER Hendrix Wire & Cable, Inc.

ADDRESS 53 Old Wilton Road

Milford, NH 03055

PHONE NO _____

(603) 673-2040 - General Reception

(603) 249-1294 - Direct Line to Acct. Mgr.

BID ITEM NO. 1

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: 20,000 feet (20 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: No Bid per M/ft. TOTAL: \$ -0-

First Delivery: _____

(After receipt of purchase order or contract)

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

Note: Please See Hendrix Quotation #9294 which forms a part of this quotation.

BID ITEM NO. 2

1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill, .175 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 (175 mil)

RPU Stock Number: 2247

Quantity: ~~1XXXX~~ 126,900 feet (47 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: \$1,609.80 per M/ft. TOTAL: \$ 204,283.62

Delivery: Current manufacturing leadtime is 7-9 weeks ARO
(After receipt of purchase order or contract)

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

*Alternate price (conventional shield) \$1.5447/ft

BID ITEM NO. 3

Primary Jacketed Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill, 0.175 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 Jacketed XLPE (175 mil)

RPU Stock Number: 2246

Quantity: 54,000 feet (20 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: \$2,044.60 per M/ft. TOTAL: \$ 110,408.40

Delivery: Current manufacturing leadtime is 7-9 weeks ARO
(After receipt of purchase order or contract)

*Alternate price (conventional shield) \$2.0044/ft

Note: Please see Hendrix Quotation #9294 which forms a part of this quotation

BID ITEM NO. 4

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

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: 19,800 feet (9 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: No Bid per M/ft. TOTAL: \$ -0-

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

BID ITEM NO. 5 (ALTERNATE)

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

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: 2220-A

Quantity: 19,800 feet (9 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: No Bid per M/ft. TOTAL: \$ -0-

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

Note: Please see Hendrix Quotation #9294 which forms a part of this quotation.

BID ITEM NO. 6 (ALTERNATE)

500 KCMIL, 15kV, 1/C Stranded Copper, strand-filled, 0 175 mil EPR Insulation with 1/3 Concentric Neutral, 17-#10 Copper, Jacketed.
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 (175 Mil)

RPU Stock Number: 2220-B

Quantity: 19,800 feet (9 reels)

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: No Bid per M/ft TOTAL: \$ -0-

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

BID ITEM NO. 7 (ALTERNATE)

750 KCMIL, 15kV, 1/C Stranded Aluminum, strand-filled, 0 175 mil ~~EPR~~ **TRXLP** Insulation with 1/3 Concentric Neutral, ~~17-#10~~ **15#10 BCW** Copper, Jacketed
Reel Size Limits: maximum flange diameter 66", maximum overall width of 36", minimum arbor hole diameter of 3".

Specification Name: Cable, Primary Jacketed EPR (175 Mil)

RPU Stock Number: 2220-C

Quantity: 19,800 feet

Mfgr: Hendrix Wire & Cable, Inc.

Bid Price: \$5,118.80 per M/ft. TOTAL: \$ 101,352.24

Reel Size: 2,200' on a 66X45X30" NRR 51.5" Overall

Cable Footage Per Reel: 2,200'

Delivery: Current manufacturing leadtime is 7-9 weeks ARO
(After receipt of purchase order or contract)

Hendrix is offering a TRXLP alternate with 15 #10 BCW industry standard neutral.

BY Nancy J. Ashley Alternate price for conventional shield
\$4.9608/ft

TITLE URD Account Manager



RESOLUTION

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

<u>Item #</u>	<u>Description</u>
2	1/0 AWG, 15kV, 1/C Stranded Aluminum with strand-fill
3	Primary Jacketed Cable in Conduit, 15kV, 1/0 AWG, 1/C Stranded Aluminum Conductor with strand-fill

The amount of the purchase order agreement to be THREE HUNDRED FOURTEEN THOUSAND SIX HUNDRED NINETY-TWO AND 02/100 DOLLARS (\$314,692.02) and HENDRIX being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 30th day of January, 2007.

President

Secretary