

COUNCIL ACTION FORM

SUBJECT: **CONTRACT TO FURNISH BOILER TUBES AND BENDS FOR
POWER PLANT UNITS 7 AND 8**

BACKGROUND:

This bid is for the purchase of tube material that will be used for repairing or replacing Unit 7 and Unit 8 superheater tube sections in the Power Plant due to tube failures. It is prudent to maintain an inventory of material on hand to expedite repairs if a boiler tube failure occurs.

On October 1, 2013, an invitation to bid (IFB) document was issued to eleven firms. The IFB was advertised on the Current Bid Opportunities section of the Purchasing webpage, and the bid was sent to one plan room.

On October 15, 2013, four bids were received as shown below:

BIDDER	BID PRICE
Chicago Tube & Iron Co Romeoville, IL	\$88,148.20
Boiler Tube Company of America Lyman, SC	\$164,805.40
The Babcock & Wilcox Co. Barberton, OH	\$210,134.11
R-S Matco, Inc. Oakboro, NC	Non-Responsive

After evaluation, staff determined that the bid submitted by R-S Matco, Inc. is non-responsive because they did not provide a mandatory signature on the bid form. As a result, three bids remained for consideration. A spreadsheet is attached showing details of these bids. Staff has concluded that the apparent low bid in the amount of \$88,148.20 (inclusive of Iowa sales tax) submitted by Chicago Tube & Iron Co, Romeoville, IL, is acceptable.

Funding is available in the approved FY2013/14 Electric Production operating budget to cover the cost for these boiler parts.

ALTERNATIVES:

1. Award a contract to Chicago Tube & Iron Co, Romeoville, IL, for the purchase of boiler tubes and bends for Units 7 and 8 superheat sections, in the amount of \$88,148.20 (inclusive of Iowa sales tax).

2. Reject all bids and delay the purchase of boiler tubes and bends.

MANAGER'S RECOMMENDED ACTION:

The purchase of boiler tubes and bends is critical in order to replenish inventory so that material is available for both planned maintenance and emergency repairs to the superheater tube sections.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.

RFQ 2014-074 Boiler Tubes and Bends for Unit's 7 & 8 Superheat Sections

BIDDER:				Chicago Tube & Iron Co Romeoville, IL		Boiler Tube Company of America Lyman, SC		The Babcock & Wilcox Co. Barberton, OH		R-S Matco, Inc. Oakboro, NC		
Item	Description	Tube Mat'l Spec	Qty	Unit Price	Total Price	Unit Price	Total Price		Unit Price	Total Price	Unit Price	Total Price
Part 1: Unit 7 Palten Superheater												
1.	Tight hairpin	2 1/8" OD .200" mwt 213 T11	8	\$290.00	\$2,320.00	\$761.75	\$6,094.00		\$360.00	\$2,880.00	Non-Responsive. Did not fill out and provide signature on last page of bid form.	
2.	Center hairpin	2 1/8" OD .134" mwt 213 T11	8	\$140.00	\$1,120.00	\$761.75	\$6,094.00		\$283.00	\$2,264.00		
3a.	Outer hairpin	2 1/8" OD .134" mwt 213 T11	8	\$142.00	\$1,136.00	\$761.75	\$6,094.00		\$283.00	\$2,264.00		
3b.	Outer hairpin	2 1/8" OD .148" mwt 213 T11	8	\$152.00	\$1,216.00	\$761.75	\$6,094.00		\$294.00	\$2,352.00		
Part 1 Sub-total:				\$5,792.00		\$24,376.00			\$9,760.00			
Part 2: Unit 7 Secondary Superheater												
1a.	Tight hairpin	2 1/2" OD .200" mwt A-192	4	\$123.00	\$492.00	\$542.75	\$2,171.00		\$454.00	\$1,816.00		
1b.	Tight hairpin	2 1/2" OD .180" mwt 213 T11	8	\$235.00	\$1,880.00	\$542.75	\$4,342.00		\$372.00	\$2,976.00		
1c.	Tight hairpin	2 1/2" OD .148" mwt 213 T11	8	\$216.00	\$1,728.00	\$542.75	\$4,342.00		\$352.00	\$2,816.00		
1d.	Tight hairpin	2 1/2" OD .134" mwt 213 T11	8	\$165.00	\$1,320.00	\$542.75	\$4,342.00		\$338.00	\$2,704.00		
2a.	Medium hairpin	2 1/2" OD .200" mwt A-192	4	\$135.00	\$540.00	\$542.75	\$2,171.00		\$318.00	\$1,272.00		
2b.	Medium hairpin	2 1/2" OD .180" mwt 213 T11	8	\$184.00	\$1,472.00	\$542.75	\$4,342.00		\$338.00	\$2,704.00		
2c.	Medium hairpin	2 1/2" OD .134" mwt 213 T11	8	\$156.00	\$1,248.00	\$542.75	\$4,342.00		\$305.00	\$2,440.00		
Part 2 Sub-total:				\$8,680.00		\$26,052.00			\$16,728.00			
Part 3: Unit 8 Secondary Superheater												
1a.	Tight hairpin	2" OD .180" mwt 213 T-11	4	\$417.00	\$1,668.00	\$502.00	\$2,008.00		\$482.00	\$1,928.00		
1b.	Tight hairpin	2 1/2" OD .225" mwt 213 T-11	4	\$484.00	\$1,936.00	\$502.00	\$2,008.00		\$565.00	\$2,260.00		
1c.	Tight hairpin	2 1/2" OD .220" mwt 213 T-12	4	\$483.00	\$1,932.00	\$502.00	\$2,008.00		\$565.00	\$2,260.00		
1d.	Tight hairpin	2 1/4" OD .350" mwt 213 T-12	4	\$542.00	\$2,168.00	\$502.00	\$2,008.00		\$637.00	\$2,548.00		
1e.	Tight hairpin	2 1/4" OD .250" mwt 213 T-12	4	\$484.00	\$1,936.00	\$502.00	\$2,008.00		\$563.00	\$2,252.00		
1f.	Tight hairpin	2 1/2" OD .235" mwt 213 T-12	4	\$495.00	\$1,980.00	\$502.00	\$2,008.00		\$579.00	\$2,316.00		
2a.	Medium hairpin	2" OD .180" mwt 213 T-11	4	\$184.00	\$736.00	\$502.00	\$2,008.00		\$407.00	\$1,628.00		
2b.	Medium hairpin	2 1/2" OD .225" mwt 213 T-11	4	\$250.00	\$1,000.00	\$502.00	\$2,008.00		\$494.00	\$1,976.00		
2c.	Medium hairpin	2 1/2" OD .220" mwt 213 T-12	4	\$250.00	\$1,000.00	\$502.00	\$2,008.00		\$494.00	\$1,976.00		
2d.	Medium hairpin	2 1/4" OD .350" mwt 213 T-12	4	\$233.00	\$932.00	\$502.00	\$2,008.00		\$569.00	\$2,276.00		
2e.	Medium hairpin	2 1/4" OD .250" mwt 213 T-12	4	\$249.00	\$996.00	\$502.00	\$2,008.00		\$492.00	\$1,968.00		
2f.	Medium hairpin	2 1/2" OD .235" mwt 213 T-12	4	\$261.00	\$1,044.00	\$502.00	\$2,008.00		\$508.00	\$2,032.00		
Part 3 Sub-total:				\$17,328.00		\$24,096.00			\$25,420.00			
Part 4: Straight Tube (nominal 20 ft. lengths)												
								min. length (ft)			min. length	
1.	N/A	2 1/2" OD .148" mwt 213 T11	200	\$14.92	\$2,984.00	\$13.50	\$6,615.00	490	\$23.45	\$9,755.20	416	
2.	N/A	2 1/2" OD .180" mwt 213 T11	200	\$16.98	\$3,396.00	\$15.99	\$6,524.00	408	\$27.35	\$9,162.25	335	
3.	N/A	2 1/2" OD .134" mwt 213 T11	200	\$13.65	\$2,730.00	\$12.35	\$6,608.00	535	\$21.30	\$9,861.90	463	
4.	N/A	2 1/2" OD .225" mwt 213 T11	200	\$20.66	\$4,132.00	\$19.55	\$4,966.00	254	\$32.70	\$9,581.10	293	
5.	N/A	2 1/2" OD .220" mwt 213 T12	200	\$20.64	\$4,128.00	\$20.74	\$5,393.00	260	\$32.50	\$9,750.00	300	
6.	N/A	2 1/2" OD .235" mwt 213 T12	200	\$21.91	\$4,382.00	\$22.16	\$5,319.00	240	\$34.55	\$9,674.00	280	
7.	N/A	2" OD .180" mwt 213 T11	200	\$13.33	\$2,666.00	\$12.51	\$5,542.00	443	\$20.70	\$9,936.00	480	
8.	N/A	2" OD .203" mwt 213 T11	200	\$14.70	\$2,940.00	\$10.26	\$2,052.00		\$22.45	\$10,506.60	468	
9.	N/A	2 1/4" OD .250" mwt 213 T12	200	\$20.56	\$4,112.00	\$20.65	\$5,411.00	262	\$32.20	\$9,724.40	302	
10.	N/A	2 1/4" OD .290" mwt 213 T12	200	\$23.26	\$4,652.00	\$23.38	\$7,061.00	302	\$35.30	\$10,625.30	301	
11.	N/A	2 1/4" OD .350" mwt 213 T12	200	\$27.10	\$5,420.00	\$27.27	\$4,909.00	180	\$43.10	\$9,438.90	219	
12.	N/A	2 1/8" OD .134" mwt 213 T11	200	\$11.49	\$2,298.00	\$10.38	\$5,024.00	484	\$18.00	\$10,152.00	564	
13.	N/A	2 1/8" OD .148" mwt 213 T11	200	\$12.55	\$2,510.00	\$11.34	\$5,693.00	502	\$19.80	\$10,078.20	509	
14.	N/A	2 1/8" OD .200 mwt 213 T-11	200	\$15.55	\$3,110.00	\$14.68	\$5,579.00	380	\$25.25	\$9,367.75	371	
Part 4 Sub-total:				\$49,460.00		\$76,696.00			\$137,613.60			
Total of all 4 Parts:				\$81,260.00		\$151,220.00			\$189,521.60			
7% IA Sales Tax				\$5,688.20		\$10,585.40			\$13,266.51			
Freight				\$1,200.00		\$3,000.00			\$7,346.00			
OVERALL				\$88,148.20		\$164,805.40			\$210,134.11			