



**OPERATIONS COMMITTEE  
APRIL 16, 2009**

**SUBJECT: TUBING KITS**

**ACTION: AWARD A CONTRACT FOR TUBING KITS**

**RECOMMENDATION**

Authorize the Chief Executive Officer to award a firm fixed-price contract under Bid No. 09-0025 with R. T. Welding & Fabrication the lowest responsive and responsible bidder for 223 tubing kits for a firm fixed price of \$248,905, inclusive of sales tax.

**RATIONALE**

We have had to replace the original engine (Detroit Diesel Series 50) on certain series buses because the engine is no longer available as new and cannot be maintained or supported properly. As part of the ongoing program to re-power these buses, it is necessary to replace the existing tubing kits to fit the new replacement engine. The 223 kits covered under this procurement were specially designed to fit within the confines of the 40' New Flyer Low Floor 5300 series engine compartment, and will ensure the new engine tubing requirements are met. There will be future procurements for additional tubing kits for the NABI Low Floor buses as part of the bus re-power program.

**FINANCIAL IMPACT**

The funding of \$27,904 for this procurement is included in the FY09 budget in cost center 3441, Power Plant under Capital Project 203006, FY09 Bus Midlife Program, and line item 50441, Materials and Supplies- Part Revenue Vehicle. The balance of the funding is included in the proposed FY10 budget. In FY08, \$322,500 was expended on this type of hydraulic hose assembly kits.

**ALTERNATIVES CONSIDERED**

The alternative is to not award a contract for these new tubing kits. This strategy is not recommended because staff will not be able to proceed with the bus engine replacement and mid-life programs.

## ATTACHMENTS

- A. Procurement Summary
- A-1. Procurement History
- A-2. List of Subcontractors
- B. Bid Tabulation

Prepared by: John Roberts, Deputy Executive Officer, Operations  
Richard Bachman, Contract Administration Manager

*Carolyn Flowers*

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Carolyn Flowers  
Chief Operations Officer

*Arthur T. Leahy*

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Arthur T. Leahy  
Chief Executive Officer

**BOARD REPORT ATTACHMENT A  
PROCUREMENT SUMMARY**

**TUBING KITS**

1.	Contract Number: 09-0025		
2.	Recommended Vendor: R.T. Welding & Fabrication		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$248,905	Recommended Price: \$248,905	
	B. Details of Significant Variances are in Attachment A-1.D		
4.	Contract Type: Firm Fixed Price		
5.	Procurement Dates:		
	A. Issued: February 24, 2009		
	B. Advertised: February 25, 2009		
	C. Pre-bid Conference: N/A		
	D. Bids Due: March 13, 2009		
	E. Pre-Qualification Completed: Yes		
	F. Conflict of Interest Form Submitted to Ethics: March 20, 2009		
6.	Small Business Participation:		
	A. Bid/Proposal Goal: No Goal Recommended	Date Small Business Evaluation Completed: N/A	
	B. Small Business Commitment: N/A – No Goal Recommended		
7.	Invitation for Bid/Request for Proposal Data:		
	Notifications Sent: 10	Bids/Proposals Picked up: 0	Bids/Proposals Received: 3
8.	Evaluation Information:		
	A. <u>Bidders/Proposers Names:</u>  R.T. Welding & Fabrication Performance Tube Bending Diesel Exhaust & Emissions LLC	<u>Bid/Proposal Amount:</u>  \$248,905 \$331,439 \$384,756	<u>Best and Final Offer Amount:</u> NA
	B. Evaluation Methodology: Selection of the lowest responsive, responsible bidder. Details are in Attachment A-1.C		
9.	Protest Information:		
	A. Protest Period End Date: April 21, 2009		
	B. Protest Receipt Date: TBD		
	C. Disposition of Protest Date: TBD		
10.	Contract Administrator: Juelene Close	Telephone Number: 213-922-1066	
11.	Project Manager: John Petres	Telephone Number: 213-922-5743	

**BOARD REPORT ATTACHMENT A-1  
PROCUREMENT HISTORY**

**TUBING KITS**

**A. Background on Contractor**

R.T. Welding & Fabrication Performance Tube Bending Inc. is based in Hesperia, California, and has been in business since 1989. R.T. Welding & Fabrication has been providing specialty tubing and fabrication services to various companies and government agencies including Cummins Cal Pacific, Orange County Transportation Authority and Hayes Diversified Technical. This contractor's performance on its previous Metro procurement was satisfactory.

**B. Procurement Background**

Invitation for Bid (IFB) No. 09-0025 was released on February 24, 2009 and advertised on February 25, 2009. The bid deadline was March 13, 2009. Three firms submitted a bid prior to the stated deadline.

The Diversity & Economic Opportunity Department (DEOD) did not recommend a DALP goal for this procurement. Based on industry practice, the Prime (R.T. Welding & Fabrication) is expected to complete the entire scope with its own workforce. However, pursuant to the DBE Program, if R.T. Welding & Fabrication utilizes the services of subcontractors, they are encouraged to afford maximum opportunities to DBE firms in available subcontracting and supply services areas throughout the life of the contract.

**C. Evaluation of Proposals**

In accordance with our Procurement Policy Manual, staff performed an evaluation of the bids that were received. R.T. Welding & Fabrication, the lowest responsive and responsible bidder was found to be in full compliance with the bid specifications.

**D. Cost/Price Analysis**

The recommended bid price of \$248,905 has been determined to be fair and reasonable based upon adequate price competition and selection of the lowest responsive and responsible bidder.

**BOARD REPORT ATTACHMENT A-2  
LIST OF SUBCONTRACTORS**

**TUBING KITS**

PRIME CONTRACTOR – R.T. Welding & Fabrication

**Small Business Commitment**

**Other Subcontractors**

N/A

N/A

Total Commitment 0.0%

Bids Out: 02/24/09 Total 10  
 Bids Opened: 03/13/09 Total 3  
 Advertisement Date(s): 02/25/09  
 Newspaper: Daily News, L.A. Watts Times,  
 La Opinion and Rafu Shimpo

Item No.	Description	QTY	UM	R-T Welding		Performance Tube Bending		Diesel Exhaust & Emissions, LLC	
				Unit Price	Stainless Steel Extension	Unit Price	Stainless Steel Extension	Unit Price	Stainless Steel Extension
1	Tube radiator outlet 2 1/2" to transmission heat exchanger inlet 2 1/2" with one 1/4" half coupler and 1" radiator style hose connection	223	EA	\$53.00	\$11,819.00	\$60.00	\$13,380.00	\$66.91	\$14,920.93
2	Transmission heat exchanger outlet tube 2 1/2" to 2 1/4" engine inlet	223	EA	\$52.00	\$11,596.00	\$77.00	\$17,171.00	\$67.50	\$15,052.50
3	Tube engine coolant outlet 2 1/4" stepped to radiator inlet 2 1/2"	223	EA	\$33.50	\$7,470.50	\$60.00	\$13,380.00	\$101.25	\$22,578.75
4	Tube air cleaner 4" to turbo inlet 4"	223	EA	\$155.00	\$34,565.00	\$220.00	\$49,060.00	\$153.90	\$34,319.70
5	Tube turbo outlet 4" to 3" step to 3" charge air cooler tubing and inlet	223	EA	\$71.30	\$15,899.90	\$95.00	\$21,185.00	\$83.70	\$18,665.10
6	Tube charge air cooler outlet 3" to engine inlet tube junction 3"	223	EA	\$40.00	\$8,920.00	\$60.00	\$13,380.00	\$62.14	\$13,857.22
7	Tube engine inlet 4" step down to 3" charge air outlet tube junction	223	EA	\$65.30	\$14,561.90	\$90.00	\$20,070.00	\$140.40	\$31,309.20
8	Tube 1" air compressor supply	223	EA	\$25.00	\$5,575.00	\$30.00	\$6,690.00	\$47.25	\$10,536.75
9	Tube turbo exhaust outlet 3" with adapter welded to tubing	223	EA	\$95.00	\$21,185.00	\$150.00	\$33,450.00	\$318.60	\$71,047.80
10	Tube 3" intermediate exhaust with directional liner bellows welded on both ends	223	EA	\$215.00	\$47,945.00	\$300.00	\$66,900.00	\$290.77	\$64,841.71
11	Tube muffler with 4" marmon flange to 3" tube	223	EA	\$80.00	\$17,840.00	\$110.00	\$24,530.00	\$74.47	\$16,606.81
12	Clamps turbo	446	EA	\$31.00	\$13,826.00	\$25.00	\$11,150.00	\$33.75	\$15,052.50
13	Clamp, marmon	223	EA	\$35.00	\$7,805.00	\$25.00	\$5,575.00	\$56.03	\$12,494.69
14	Band clamp, 3"	446	EA	\$13.00	\$5,798.00	\$8.00	\$3,568.00	\$8.10	\$3,612.60
15	Tube 1" booster pump return to radiator outlet pipe	223	EA	\$23.00	\$5,129.00	\$30.00	\$6,690.00	\$47.25	\$10,536.75
Sub Total					\$229,935.30		\$306,179.00		\$355,433.01
Sales Tax 8.25%					\$18,969.66		\$25,259.77		\$29,323.22
<b>Total</b>					<b>\$248,904.96</b>		<b>\$331,438.77</b>		<b>\$384,756.23</b>

I hereby certify R-T Welding & Fabrication as being the lowest responsive, responsible bidder and recommend the award to them for total price, including sales tax, of \$248,904.96  
3/27/09 Date R A Bachman Signature

