

RESOLUTION NO. 2008-147

AUTHORIZING CONTRACTS NO. 2008-172 A AND B WITH GE TRANSPORTATION SYSTEMS AND OHMITE MANUFACTURING COMPANY RESPECTIVELY FOR THE FURNISHING OF MOTOR RESISTORS FOR USE ON THE HRV MIDLIFE OVERHAUL, AS REQUIRED AND SPECIFIED, FOR A FOUR YEAR PERIOD IN AN AGGREGATED AMOUNT NOT TO EXCEED \$442,247.15 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET)

WHEREAS, the Greater Cleveland Regional Transit Authority has an ongoing requirement to repair and replace motor resistors on the Authority's Heavy Rail fleet during the midlife overhaul; and

WHEREAS, the bids of GE Transportation System and Ohmite Manufacturing Company were received on August 28, 2008 for the furnishing of motor resistors, as required and specified, for a four year period at the unit prices set forth in said bid, in an aggregated total amount not to exceed four hundred forty-two thousand two hundred forty-seven & 15/100 dollars (\$442,247.15) as outlined in Attachment "A" of the staff summary; and

WHEREAS, the General Manager/Secretary-Treasurer deems the bids of GE Transportation Systems and Ohmite Manufacturing Company for the furnishing of motor resistor parts to be the lowest responsive bids from responsible bidders and recommends acceptance thereof by the Board of Trustees.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Greater Cleveland Regional Transit Authority, Cuyahoga County, Ohio:

Section 1. That the bids of GE Transportation Systems and Ohmite Manufacturing Company for the furnishing of motor resistors for use on the HRV Midlife Overhaul, as required, for a period of four years be and the same is hereby accepted.

Section 2. That the General Manager/Secretary-Treasurer of the Authority be and he is hereby authorized to enter into a contracts with GE Transportation Systems in an amount not to exceed \$217,503.97 and Ohmite Manufacturing Company in an amount not to exceed \$224,743.18 for the furnishing of motor resistors, as required and specified, for a four-year period.


Section 3. That said contracts shall be payable from the RTA Developmental Fund, Rail District Department budget, including but not limited to Capital Grant OH-05-0090 in an aggregated amount not to exceed \$89,353.81 (\$71,483.05 in Federal Funds which represents 80% of the total cost) for the year 2008 and the remaining funding contingent upon appropriation of funds for future years for a total amount not to exceed four hundred forty-two thousand two hundred forty-seven & 15/100 dollars (\$442,247.15) for the four-year period.

Section 4. That said contract shall be binding upon and an obligation of the Authority contingent upon appropriation of funds for future years; compliance by the contractor to the Specifications and Addenda, if any; the Affirmative Action Plan adopted by the Board of Trustees in Resolution 2008-061; bonding and insurance requirements and all applicable laws relating to contractual obligations of the Authority.

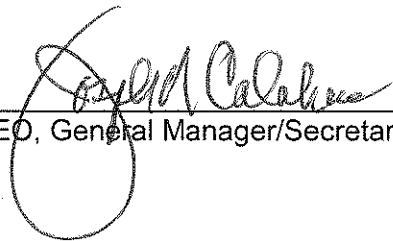
Section 5. That the Greater Cleveland Regional Transit Authority's Board of Trustees expects that GE Transportation Systems and Ohmite Manufacturing Company will attempt to exceed the 0% DBE goal assigned to this procurement.

Section 6. That this resolution shall become effective immediately upon its adoption.

Adopted: October 21, 2008



President

Attest: 

CEO, General Manager/Secretary-Treasurer



TITLE/DESCRIPTION: AUTHORIZING CONTRACTS NO. 2008-172 A AND B WITH GE TRANSPORTATION SYSTEMS AND OHMITE MANUFACTURING COMPANY RESPECTIVELY FOR THE FURNISHING OF MOTOR RESISTORS FOR USE ON THE HRV MIDLIFE OVERHAUL, AS REQUIRED AND SPECIFIED, FOR A FOUR YEAR PERIOD IN AN AGGREGATED AMOUNT NOT TO EXCEED \$442,247.15 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET)	Resolution No.: 2008-147
	Date: October 16, 2008
	Initiator: Rail District Department
ACTION REQUEST: <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Review/Comment <input type="checkbox"/> Information Only <input type="checkbox"/> Other _____	

- 1.0 **PURPOSE/SCOPE:** This action will allow the Authority to enter into four year contracts to provide motor resistors, as required and specified, for the HRV midlife overhaul project.
- 2.0 **DESCRIPTION/JUSTIFICATION:** The Authority has an on going need to replace and repair the motor resistors during the HRV midlife rehabilitation project on the Authority's HRV fleet. These resistors control the braking and motoring of the power from the electrical motors.
- 3.0 **PROCUREMENT BACKGROUND:** An Invitation for Bid was posted on the GCRTA website and advertised in the local newspapers. The solicitation consisted of 27 various motor resistors and was identified as a divisible bid, thereby allowing for maximum competition. Two bidders downloaded the solicitation. Two responsive and responsible bids were received. The total award by year for each vendor is as follows. Detailed pricing is found on the attached "Exhibit A".

<u>Company Name</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>Total</u>
GE Transportation System	\$43,531.48	\$55,058.79	\$63,187.35	\$55,726.35	\$217,503.97
Ohmite Manufacutring	\$45,822.33	\$58,380.08	\$67,055.23	\$53,485.54	\$224,743.18
Yearly Totals	\$89,353.81	\$113,438.87	\$130,242.58	\$109,211.89	\$442,247.15

These two companies are the only current manufacturers of these resistor components. The bids of GE Transportation Systems and Ohmite Manufacturing Company have been determined by the Procurement Department to be the lowest responsive bids from responsible bidders for the respective awarded parts.

A price analysis has been performed and the Procurement Department has determined that the prices are fair and reasonable to the Authority.

- 4.0 **AFFIRMATIVE ACTION/DBE BACKGROUND:** All Affirmative Action requirements have been met. A 0% DBE goal was established for this procurement due to lack of certified DBE firms.
- 5.0 **POLICY IMPACT:** Does not apply

- 6.0 ECONOMIC IMPACT: This contract will be payable from the RTA Development Fund, Rail District Department budget, including but not limited to Capital Grant OH-05-0090, Line item 12.15.21 at a price for 2008 of \$89,353.81 (\$71,483.05 in Federal funds which represents 80% of the total cost for 2008). The remaining funding is contingent upon appropriation of funds for future years and will result in contracts not to exceed a total of four hundred forty-two thousand two hundred forty-seven & 15/100 dollars (\$442,247.15). The bid price is 50% below the estimated cost for this procurement for the year 2008.
- 7.0 ALTERNATIVES: Reject this offer. Rejection of this offer would delay the repair of the Authority's motor resistor portion of the HRV midlife overhaul project.
- 8.0 RECOMMENDATION: It is recommended that the bids of GE Transportation Systems and Ohmite Manufacturing Company be accepted and the resolution passed authorizing the General Manager/Secretary-Treasurer to enter into the contracts.
- 9.0 ATTACHMENTS: Exhibit "A" – Motor Resistor Parts Lists.

Recommended and certified as appropriate to the availability of funds, legal form and conformance with the Procurement requirements.



CEO, General Manager/Secretary-Treasurer

Motor Resistor Parts List HRV Mid-Life - Ohmite

ITEM	RTA P/N	OEM #	Description	2008 Quantity	Unit Price	2008 Price Total	2009 Quantity	Unit Price	2009 Price Total	2010 Quantity	Unit Price	2010 Price Total	2011 Quantity	Unit Price	2011 Price Total
3	4606011	42D6G3004	RESISTOR, MOTORING;	16	\$ 119.54	\$ 1,912.64	30	\$ 119.54	\$ 3,586.20	33	\$ 126.71	\$ 4,181.43	18	\$ 126.71	\$ 2,280.78
4	4606012	42D6G3008	RESISTOR, MOTORING;	32	\$ 106.87	\$ 3,419.84	40	\$ 106.87	\$ 4,274.80	44	\$ 113.28	\$ 4,984.32	36	\$ 113.28	\$ 4,078.08
5	4606013	42D6G3106	RESISTOR, MOTORING;	96	\$ 141.26	\$ 13,560.96	120	\$ 141.26	\$ 16,951.20	132	\$ 149.74	\$ 19,765.68	108	\$ 149.74	\$ 16,171.92
8	4606014B	42D6G3110	RESISTOR;	176	\$ 98.34	\$ 17,307.84	220	\$ 98.34	\$ 21,634.80	232	\$ 104.24	\$ 24,183.68	188	\$ 104.24	\$ 19,597.12
9	4606014C	42D6G3002	RESISTOR;	32	\$ 104.23	\$ 3,335.36	40	\$ 104.23	\$ 4,169.20	44	\$ 110.48	\$ 4,861.12	36	\$ 110.48	\$ 3,977.28
11	4606014E	42D6G3101	RESISTOR,	8	\$ 122.25	\$ 978.00	10	\$ 122.25	\$ 1,222.50	11	\$ 129.59	\$ 1,425.49	9	\$ 129.59	\$ 1,166.31
13	4606014G	42D6G3103	RESISTOR	24	\$ 143.46	\$ 3,443.04	30	\$ 143.46	\$ 4,303.80	33	\$ 152.07	\$ 5,018.31	27	\$ 152.07	\$ 4,105.89
16	4506433	41A252114P1	PLATE, COPPER; 1-3/8" X 1-1/2"	15	\$ 0.97	\$ 14.55	18	\$ 0.97	\$ 17.46	20	\$ 1.03	\$ 20.60	16	\$ 1.03	\$ 16.48
17	4506434	41A252555G1	CONNECTOR; 18-3/8"	15	\$ 57.71	\$ 865.65	18	\$ 57.71	\$ 1,038.78	20	\$ 61.17	\$ 1,223.40	16	\$ 61.17	\$ 978.72
20	4506442	6713281P1	SPACER	15	\$ 0.23	\$ 3.45	18	\$ 0.23	\$ 4.14	20	\$ 0.24	\$ 4.80	16	\$ 0.24	\$ 3.84
21	4506445	6742038P4	CONNECTOR; 2-3/8"	15	\$ 1.87	\$ 28.05	18	\$ 1.87	\$ 33.66	20	\$ 1.98	\$ 39.60	16	\$ 1.98	\$ 31.68
22	4506446	6742038P5	CONNECTOR; 3-1/2"	15	\$ 2.18	\$ 32.70	18	\$ 2.18	\$ 39.24	20	\$ 2.31	\$ 46.20	16	\$ 2.31	\$ 36.96
23	4506447	6742038P25	CONNECTOR; 18-1/16"	15	\$ 60.52	\$ 907.80	18	\$ 60.52	\$ 1,089.36	20	\$ 64.15	\$ 1,283.00	16	\$ 64.15	\$ 1,026.40
25	4606007	41B556812P1	CONNECTOR; 6-3/4"	15	\$ 0.83	\$ 12.45	18	\$ 0.83	\$ 14.94	20	\$ 0.88	\$ 17.60	16	\$ 0.88	\$ 14.08
						\$ 45,822.33			\$ 58,380.08			\$ 67,056.23			\$ 53,485.54

Motor Resistor Parts List HRV Mid-Life -- G.E.

ITEM	RTA P/N	OEM #	Description	2008 Quantity	Unit Price	2008 Price Total	2009 Quantity	Unit Price	2009 Price Total	2010 Quantity	Unit Price	2010 Price Total	2011 Quantity	Unit Price	2011 Price Total
1	4606004	42D6G3115	RESISTOR	24	\$ 108.28	\$ 2,598.72	30	\$ 112.61	\$ 3,378.34	33	\$ 117.12	\$ 3,864.82	27	\$ 121.80	\$ 3,288.61
2	4606010	42D6G3001	RESISTOR, MOTORING;	8	\$ 82.53	\$ 660.24	10	\$ 85.83	\$ 858.31	11	\$ 89.26	\$ 981.91	9	\$ 92.84	\$ 835.52
6	4606016	42D6G3107	RESISTOR, MOTORING;	24	\$ 161.20	\$ 3,868.80	30	\$ 167.65	\$ 5,029.44	33	\$ 174.35	\$ 5,753.68	27	\$ 181.33	\$ 4,895.86
7	4606014A	42D6G3105	RESISTOR, MOTORING;	64	\$ 162.18	\$ 10,379.52	80	\$ 168.67	\$ 13,493.38	88	\$ 175.41	\$ 15,436.42	72	\$ 182.43	\$ 13,134.99
10	4606014D	42D6G3104	RESISTOR;	8	\$ 181.65	\$ 1,453.20	10	\$ 188.92	\$ 1,889.16	11	\$ 196.47	\$ 2,161.20	9	\$ 204.33	\$ 1,838.98
12	4606014F	42D6G3102	RESISTOR	8	\$ 156.98	\$ 1,255.84	10	\$ 163.26	\$ 1,632.59	11	\$ 169.79	\$ 1,867.69	9	\$ 176.58	\$ 1,589.23
14	4606014H	42D6G3117	RESISTOR	16	\$ 135.31	\$ 2,164.96	20	\$ 140.72	\$ 2,814.45	22	\$ 146.35	\$ 3,219.73	18	\$ 152.21	\$ 2,739.70
15	4506432	17MB7B18	INSULATOR	20	\$ 207.85	\$ 4,157.00	22	\$ 216.16	\$ 4,755.61	24	\$ 224.81	\$ 5,395.45	30	\$ 233.80	\$ 7,014.09
18	4506435	41A255296P1	CONNECTOR, 18-1/16"	15	\$ 181.00	\$ 2,715.00	18	\$ 188.24	\$ 3,388.32	20	\$ 195.77	\$ 3,915.39	16	\$ 203.60	\$ 3,257.61
19	4506438	426C961P1	CONNECTOR;	15	\$ 750.66	\$ 11,259.90	18	\$ 780.69	\$ 14,052.36	20	\$ 811.91	\$ 16,238.28	16	\$ 844.39	\$ 13,510.25
24	4506597	426C961P2	CONNECTOR;	15	\$ 152.88	\$ 2,293.20	18	\$ 159.00	\$ 2,861.91	20	\$ 165.36	\$ 3,307.10	16	\$ 171.97	\$ 2,751.51
26	4606008	41B563142P2	CONNECTOR; 18-1/16"	15	\$ 24.17	\$ 362.55	18	\$ 25.14	\$ 452.46	20	\$ 26.14	\$ 522.85	16	\$ 27.19	\$ 435.01
27	4606017	41B563142P1	CONNECTOR, CONNECTOR; 41B56314	15	\$ 24.17	\$ 362.55	18	\$ 25.14	\$ 452.46	20	\$ 26.14	\$ 522.85	16	\$ 27.19	\$ 435.01
						\$ 43,531.48			\$ 55,058.79			\$ 63,187.35			\$ 55,726.35