

RESOLUTION NO. 2008-103

AUTHORIZING CONTRACTS NO. 2008- 134A-D WITH WABTEC PASSENGER TRANSIT, HALL INDUSTRIES, DELLNER COUPLERS, AND BROOKLYN MACHINE RESPECTIVELY FOR THE FURNISHING OF MECHANICAL COUPLING PARTS FOR USE ON THE HRV MIDLIFE OVERHAUL, AS REQUIRED AND SPECIFIED, FOR A FOUR YEAR PERIOD IN AN AGGREGATED AMOUNT NOT TO EXCEED \$397,341.76 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET)

WHEREAS, the Greater Cleveland Regional Transit Authority has an ongoing requirement for the repair and replacement of worn mechanical coupler components on the Authority's HRV transit vehicles during the midlife overhaul is required; and

WHEREAS, the bids of Wabtec Passenger Transit with offices located at 130 Ridgeview Center, Duncan, SC 29334, Hall Industries, Inc. located at 514 Mechlem Lane, Ellwood City, PA 16117, Dellner Couplers, Inc. located at 8334 Arrowridge Blvd, Charlotte, NC 28273 and Brooklyn Machine located at 5180 Grant Ave., Cleveland, OH 44125 were received on June 10, 2008 for the furnishing of Mechanical Coupler Parts, as required, for a four year period, for the unit prices set forth in said bid, in an aggregated total amount not to exceed three hundred ninety-seven thousand three hundred forty-one & 76/100 dollars (\$397,341.76) as outlined in Exhibit "A" of the staff summary; and

WHEREAS, the General Manager/Secretary-Treasurer deems the bids of Wabtec Passenger Transit, Hall Industries, Inc., Dellner Couplers, Inc. and Brooklyn Machine for certain required parts to be the lowest responsive bid 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 Wabtec Passenger Transit, Hall Industries, Inc., Dellner Couplers, Inc. and Brooklyn Machine for certain parts, as required, for a period of four years be and the same is hereby accepted as a responsive bids from responsible bidders.

Section 2. That the General Manager/Secretary-Treasurer of the Authority be and he is hereby authorized to enter into a contracts with Wabtec Passenger Transit for \$156,870.84, Hall Industries, Inc. for \$94,724.00, Dellner Couplers, Inc. for \$35,802.92 and Brooklyn Machine for \$9,944.00 for the furnishing of mechanical coupler parts as specified on Attachment "A" of the Staff Summary for the 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 \$113,096.94 (\$90,944.55 in Federal Funds which represents 80% of the cost) for the year 2008 and the remaining funding contingent upon appropriation of funds for future years for a total contract amount not to exceed three hundred ninety-seven thousand three hundred forty-one & 76/100 dollars (\$397,341.76) 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 Wabtec Passenger Transit, Hall Industries, Inc., Dellner Couplers, Inc. and Brooklyn Machine. 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: July 15, 2008



President

Attest:



CEO, General Manager/Secretary-Treasurer



Greater Cleveland Regional Transit Authority
STAFF SUMMARY AND COMMENTS

TITLE/DESCRIPTION: AUTHORIZING CONTRACTS NO. 2008- 134 A-D WITH WABTEC PASSENGER TRANSIT, HALL INDUSTRIES, DELLNER COUPLERS, AND BROOKLYN MACHINE RESPECTIVELY FOR THE FURNISHING OF MECHANICAL COUPLING PARTS FOR USE ON THE HRV MIDLIFE OVERHAUL, AS REQUIRED AND SPECIFIED, FOR A FOUR YEAR PERIOD IN AN AGGREGATED AMOUNT NOT TO EXCEED \$397,341.76 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET)	Resolution No.: 2008-103
	Date: July 10, 2008
	Initiator: Rail District Department

ACTION REQUEST:

Approval
 Review/Comment
 Information Only
 Other _____

- 1.0 **PURPOSE/SCOPE:** This action will allow the Authority to enter into contracts to provide mechanical coupler parts, as required, for a period of four years for the HRV midlife overhaul project.
- 2.0 **DESCRIPTION/JUSTIFICATION:** The Authority has an on going need to replace and repair worn out mechanical coupler parts during Phase I of the HRV midlife rehabilitation project on the Authority's HRV fleet.
- 3.0 **PROCUREMENT BACKGROUND:** An Invitation for Bid was posted on the GCRTA website and advertised in the local newspapers. The solicitation consisted of 42 various components and was identified as a divisible bid, thereby allowing for maximum competition. Eight potential bidders down loaded the solicitation. Four responsive and responsible bids were received as follows and the total award is by year for the awarded parts as shown on the attached Exhibit "A":

Company Name	2008	2009	2010	2011	TOTAL
Wabtec	\$44,671.86	\$46,471.78	\$32,220.68	\$33,506.52	\$156,870.84
Hall Industries	\$26,970.00	\$26,970.00	\$20,392.00	\$20,392.00	\$ 94,724.00
Dellner Couplers	\$38,983.08	\$40,542.24	\$27,588.32	\$28,689.28	\$ 35,802.92
Brooklyn Machine	\$ 2,472.00	\$ 2,784.00	\$ 2,240.00	\$ 2,448.00	\$ 9,944.00
Yearly Totals	\$113,096.94	\$116,768.02	\$ 82,441.00	\$ 85,035.80	\$397,341.76

The bids of Wabtec Passenger Transit, Hall Industries, Inc., Dellner Couplers, Inc. and Brooklyn Machine 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 procurement 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 in an aggregated amount not to exceed \$113,096.94 (\$90,477.55 in Federal Funds which represents 80% of the total cost) for year 2008 and the remaining funding contingent upon appropriation of funds for future years for a total contract amount not to exceeds three hundred ninety-seven thousand three hundred forty-one & 76/100 dollars (\$397,341.76) for the four-year period. The bid price is approximately 2% 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 mechanical coupler portion of the HRV midlife overhaul project.
- 8.0 **RECOMMENDATION:** It is recommended that the bids of Wabtec Passenger Transit, Hall Industries, Inc., Dellner Couplers, Inc. and Brooklyn Machine.be accepted and the resolution passed authorizing the General Manager/Secretary-Treasurer to enter into the contracts.
- 9.0 **ATTACHMENTS:** Exhibit "A".

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



CEO, General Manager/Secretary-Treasurer

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
 HRV Coupler Overhaul Project
 Awards - 2011

Item	GCRТА Part #	OEM Part #	Description	2011 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2011 Ext Price	Dellner Unit Price	Dellner Ext Price	Brooklyn Unit Price	Brooklyn 2011 Ext Price
1	3006003	55115-3001	Pin Assembly Anchorage	16		\$0.00		\$0.00		\$0.00	\$153.00	\$2,448.00
2	3006002	56234-4001	Screw Flat Socket Hd	80	\$25.30	\$2,024.00		\$0.00		\$0.00		\$0.00
3	3006033	24277-4002	Nut Tail Plug	16	\$253.00	\$4,048.00	\$260.00	\$4,160.00		\$0.00		\$0.00
4	3006035	54379-4001	Plate Wear	16	\$32.60	\$521.60	\$28.00	\$448.00		\$0.00		\$0.00
5	3006036	54369-4001	Bushing	16	\$146.00	\$2,336.00	\$16.00	\$256.00		\$0.00	\$104.50	\$1,672.00
6	3006029	13669-4003	Plate Follower	32	\$91.70	\$2,934.40		\$0.00		\$0.00		\$0.00
7	3006031	24277-4003	Nut Tail Plug	16	\$210.35	\$3,365.60	\$150.00	\$2,400.00	\$166.76	\$2,668.16		\$0.00
8	3006014	55156-4001	Pin Clevis Steel	16	\$562.50	\$9,000.00	\$129.00	\$2,064.00		\$0.00	\$189.00	\$3,024.00
9	3006012	55154-4003	Bushing Steel Anchorage	16	\$41.80	\$668.80	\$50.00	\$800.00		\$0.00	\$93.30	\$1,492.80
10	3006019	55197-4001	Bushing Longer Tail Eye	16	\$208.15	\$3,330.40	\$76.00	\$1,216.00		\$0.00	\$124.50	\$1,992.00
11	3006021	55154-4002	Bushing Short Yoke	48	\$113.85	\$5,464.80	\$42.00	\$2,016.00		\$0.00	\$65.50	\$3,144.00
12	3006020	55241-4001	Plate Wear Head Shim	32	\$93.00	\$2,976.00	\$60.00	\$1,920.00	\$50.50	\$1,616.00		\$0.00
13	3006023	15773-4030	Spring, Secondary Support	16	\$86.35	\$1,381.60	\$34.00	\$544.00	\$25.32	\$405.12		\$0.00
14	3006022	15773-4029	Spring Primary Support	16	\$225.20	\$3,603.20		\$0.00	\$25.32	\$405.12		\$0.00
15	3006025	55155-4002	Spacer	16	\$131.15	\$2,098.40	\$36.00	\$576.00		\$0.00		\$0.00
16	3006006	55145-3001	Bolt Shearer Emerg Rel	64	\$131.15	\$8,393.60		\$0.00		\$0.00		\$0.00
17	3006004	56231-4001	Carrier Radial Steel Bar	16	\$1,813.25	\$29,012.00		\$0.00	\$967.60	\$15,481.60		\$0.00
18	3006085	23963-3001	Rings	40	\$65.00	\$2,600.00		\$0.00	\$61.64	\$2,465.60		\$0.00
19	3006027	55154-4001	Sleeve Main Shaft	8	\$364.00	\$2,912.00		\$0.00	\$33.08	\$264.64		\$0.00
20	3006026	53892-4001	Ring Emerg Release	16	\$303.75	\$4,860.00		\$0.00		\$0.00		\$0.00
21	3006007	23-4555	O Ring	32	\$1.09	\$34.88		\$0.00		\$0.00		\$0.00
22	3006009	23880-4002	Shim Nylon	112	\$2.12	\$237.44	\$6.00	\$672.00		\$0.00		\$0.00
23	3006008	23880-4003	Shim Steel	32	\$15.60	\$499.20	\$12.00	\$384.00		\$0.00		\$0.00
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	64	\$3.00	\$192.00	\$2.50	\$160.00		\$0.00		\$0.00

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV Coupler Overhaul Project
Awards - 2011

Item	GCRTA Part #	OEM Part #	Description	2011 Quantity	Unit Price	Wabtec 2011 Ext Price	Unit Price	Hall 2011 Ext Price	Unit Price	Dellner 2011 Ext Price	Brooklyn Unit Price	Brooklyn 2011 Ext Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	20	\$14.00	\$280.00	\$14.00	\$280.00		\$0.00		\$0.00
26	3006032A	56956-4032	1/2" x 5' Roll Pin	20	\$18.55	\$371.00		\$0.00		\$0.00		\$0.00
27	3010065	55484-4001	Spring Hook	48	\$200.25	\$9,612.00		\$0.00	\$35.64	\$1,710.72		\$0.00
28	3010119	55473-4001	Cam Hook Cam	16	\$430.25	\$6,884.00		\$0.00	\$371.23	\$5,939.68		\$0.00
29	3010019	53966-4002	Hook Pin	32	\$112.50	\$3,600.00		\$0.00		\$0.00		\$0.00
30	3010141	56199-4002	Cam Pin	16	\$32.60	\$521.60		\$0.00	\$25.05	\$400.80		\$0.00
31	3010142	13967-2000	Coupler	16	\$776.00	\$12,416.00	\$662.00	\$10,592.00		\$0.00		\$0.00
32	3606048	1-4461	1" X & 1/2" Bolt Susp	16		\$0.00		\$0.00		\$0.00		\$0.00
33	40448	3-4387	Cotter Pin 3/8"	32	\$1.20	\$38.40		\$0.00		\$0.00		\$0.00
34		11-4313	Grease Fitting 1/8" pipe Thread 1/4" Long	56	\$0.70	\$39.20		\$0.00		\$0.00		\$0.00
35		11-4310	Grease Fitting 1/8" pipe Thread 1/2" Long	32	\$0.56	\$17.92		\$0.00		\$0.00		\$0.00
36		3-4045	NY lock Nut 3/4" Nylon Nut Radial Bar	80	\$1.07	\$85.60		\$0.00		\$0.00		\$0.00
37			7/8" Anchorage Plate Nut Coarse Thread	128		\$0.00		\$0.00		\$0.00		\$0.00
38		53592-4038	Anchorage Pin Bolt 1/2" x 5 1/2" Coarse Thread	32	\$12.65	\$404.80		\$0.00		\$0.00		\$0.00
39		3-4042	Anchorage Pin Nut 1/2" NY Lock Coarse	32	\$0.79	\$25.28		\$0.00		\$0.00		\$0.00
40		54290-6001	Centering Coupler Spring	32	\$151.85	\$4,859.20		\$0.00		\$0.00		\$0.00
41		29-4176	1/2" Open Eye Bolt Snap	32	\$18.00	\$576.00		\$0.00		\$0.00		\$0.00
42		55155-4001	2" Flat Washer 3/16" Thick	32	\$9.00	\$288.00		\$0.00		\$0.00		\$0.00

TOTAL BY SUPPLIER
(BIDDER)

\$33,506.52 \$20,392.00 \$28,689.28 \$2,448.00

TOTAL 2011

\$85,035.80

Greater Cleveland
Regional Transit Authority
HRV Coupler Overhaul Project
Awards - 2010

Item	GCRTA Part #	OEM Part #	Description	2010 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2010 Ext Price	Dellner Unit Price	Dellner Ext Price	Brooklyn Unit Price	Brooklyn 2010 Ext Price
1	3006003	55115-3001	Pin Assembly Anchorage	16		\$0.00		\$0.00		\$0.00	\$140.00	\$2,240.00
2	3006002	56234-4001	Screw Flat Socket Hd	80	\$24.35	\$1,948.00		\$0.00		\$0.00		\$0.00
3	3006033	24277-4002	Nut Tail Plug	16	\$243.35	\$3,893.60	\$260.00	\$4,160.00		\$0.00		\$0.00
4	3006035	54379-4001	Plate Wear	16	\$31.35	\$501.60	\$28.00	\$448.00		\$0.00		\$0.00
5	3006036	54369-4001	Bushing	16	\$140.40	\$2,246.40	\$16.00	\$256.00		\$0.00	\$96.00	\$1,536.00
6	3006029	13669-4003	Plate Follower	32	\$88.15	\$2,820.80		\$0.00		\$0.00		\$0.00
7	3006031	24277-4003	Nut Tail Plug	16	\$202.25	\$3,236.00	\$150.00	\$2,400.00	\$160.35	\$2,565.60		\$0.00
8	3006014	55156-4001	Pin Clevis Steel	16	\$540.80	\$8,652.80	\$129.00	\$2,064.00		\$0.00	\$173.00	\$2,768.00
9	3006012	55154-4003	Bushing Steel Anchorage	16	\$40.20	\$643.20	\$50.00	\$800.00		\$0.00	\$85.70	\$1,371.20
10	3006019	55197-4001	Bushing Longer Tail Eye	16	\$200.15	\$3,202.40	\$76.00	\$1,216.00		\$0.00	\$114.00	\$1,824.00
11	3006021	55154-4002	Bushing Short Yoke	48	\$109.45	\$5,253.60	\$42.00	\$2,016.00		\$0.00	\$60.20	\$2,889.60
12	3006020	55241-4001	Plate Wear Head Shim	32	\$89.25	\$2,856.00	\$60.00	\$1,920.00	\$48.65	\$1,556.80		\$0.00
13	3006023	15773-4030	Spring, Secondary Support	16	\$73.00	\$1,168.00	\$34.00	\$544.00	\$24.35	\$389.60		\$0.00
14	3006022	15773-4029	Spring Primary Support	16	\$216.55	\$3,464.80		\$0.00	\$24.35	\$389.60		\$0.00
15	3006025	55155-4002	Spacer	16	\$126.10	\$2,017.60	\$36.00	\$576.00		\$0.00		\$0.00
16	3006006	55145-3001	Bolt Shearer Emerg Rel	64	\$126.10	\$8,070.40		\$0.00		\$0.00		\$0.00
17	3006004	56231-4001	Carrier Radial Steel Bar	16	\$1,743.55	\$27,896.80		\$0.00	\$930.39	\$14,886.24		\$0.00
18	3006085	23963-3001	Rings	40	\$62.50	\$2,500.00		\$0.00	\$59.27	\$2,370.80		\$0.00
19	3006027	55154-4001	Sleeve Main Shaft	8	\$350.00	\$2,800.00		\$0.00	\$31.75	\$254.00		\$0.00
20	3006026	53892-4001	Ring Emerg Release	16	\$292.00	\$4,672.00		\$0.00		\$0.00		\$0.00
21	3006007	23-4555	O Ring	32	\$1.05	\$33.60		\$0.00		\$0.00		\$0.00
22	3006009	23880-4002	Shim Nylon	112	\$2.05	\$229.60	\$6.00	\$672.00		\$0.00		\$0.00
23	3006008	23880-4003	Shim Steel	32	\$15.00	\$480.00	\$12.00	\$384.00		\$0.00		\$0.00
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	64	\$2.90	\$185.60	\$2.50	\$160.00		\$0.00		\$0.00

Greater Cleveland
Regional Transit Authority
HRV Coupler Overhaul Project
Awards - 2010

Item	GCRТА Part #	OEM Part #	Description	2010 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2010 Ext Price	Dellner Unit Price	Dellner 2010 Ext Price	Brooklyn Unit Price	Brooklyn 2010 Ext Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	20	\$13.50	\$270.00	\$14.00	\$280.00		\$0.00		\$0.00
26	3006032A	56956-4032	1/2" x 5" Roll Pin	20	\$17.85	\$357.00		\$0.00		\$0.00		\$0.00
27	3010065	55464-4001	Spring Hook	48	\$192.55	\$9,242.40		\$0.00	\$34.27	\$1,644.96		\$0.00
28	3010119	55473-4001	Cam Hook Cam	16	\$413.70	\$6,619.20		\$0.00	\$356.95	\$5,711.20		\$0.00
29	3010019	53966-4002	Hook Pin	32	\$108.15	\$3,460.80		\$0.00		\$0.00		\$0.00
30	3010141	56199-4002	Cam Pin	16	\$31.35	\$501.60		\$0.00	\$24.07	\$385.12		\$0.00
31	3010142	13967-2000	Coupler	16	\$746.15	\$11,938.40	\$662.00	\$10,592.00		\$0.00		\$0.00
32	3606048	1-4461	1" X & -1/2" Bolt Susp	16		\$0.00		\$0.00		\$0.00		\$0.00
33	40448	3-4387	Cotter Pin 3/8"	32	\$1.15	\$36.80		\$0.00		\$0.00		\$0.00
34		11-4313	Thread 1/4" Long	56	\$0.68	\$38.08		\$0.00		\$0.00		\$0.00
35		11-4310	Thread 1/2" Long	32	\$0.54	\$17.28		\$0.00		\$0.00		\$0.00
36		3-4045	Radial Bar	80	\$1.03	\$82.40		\$0.00		\$0.00		\$0.00
37			Coarse Thread	128		\$0.00		\$0.00		\$0.00		\$0.00
38		53592-4038	1/2" Coarse Thread	32	\$12.15	\$388.80		\$0.00		\$0.00		\$0.00
39		3-4042	Lock Coarse	32	\$0.76	\$24.32		\$0.00		\$0.00		\$0.00
40		54290-6001	Centering Coupler Spring	32	\$146.00	\$4,672.00		\$0.00		\$0.00		\$0.00
41		29-4176	1/2" Open Eye Bolt Snap	32	\$17.35	\$555.20		\$0.00		\$0.00		\$0.00
42		55155-4001	2" Flat Washer 3/16" Thick	32	\$8.65	\$276.80		\$0.00		\$0.00		\$0.00

TOTAL BY SUPPLIER
(BIDDER)

\$32,220.68

\$20,392.00

\$27,588.32

\$2,240.00

TOTAL 2010

\$82,441.00

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER OVERHAUL PROJECT
AWARDS 2009

Item	GCRTA Part #	OEM Part #	Description	2009 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2009 Ext Price	Dellner Unit Price	Dellner Ext Price	Brooklyn Unit Price	Brooklyn 2009 Ext Price
1	3006003	55115-3001	Pin Assembly Anchorage	24		\$0.00		\$0.00		\$0.00	\$116.00	\$2,784.00
2	3006002	56234-4001	Screw Flat Socket Hd	120	\$23.40	\$2,808.00		\$0.00		\$0.00		\$0.00
3	3006033	24277-4002	Nut Tail Plug	24	\$234.00	\$5,616.00	\$240.00	\$5,760.00		\$0.00		\$0.00
4	3006035	54379-4001	Plate Wear	24	\$30.15	\$723.60	\$26.00	\$624.00		\$0.00		\$0.00
5	3006036	54369-4001	Bushing	24	\$135.00	\$3,240.00	\$15.00	\$360.00		\$0.00	\$79.50	\$1,908.00
6	3006029	13669-4003	Plate Follower	48	\$84.75	\$4,068.00		\$0.00		\$0.00		\$0.00
7	3006031	24277-4003	Nut Tail Plug	24	\$194.50	\$4,668.00	\$136.00	\$3,264.00	\$154.20	\$3,700.80		\$0.00
8	3006014	55156-4001	Pin Clevis Steel	24	\$520.00	\$12,480.00	\$116.00	\$2,784.00		\$0.00	\$143.00	\$3,432.00
9	3006012	55154-4003	Bushing Steel Anchorage	24	\$38.65	\$927.60	\$45.00	\$1,080.00		\$0.00	\$70.60	\$1,694.40
10	3006019	55197-4001	Bushing Longer Tail Eye	24	\$192.45	\$4,618.80	\$69.00	\$1,656.00		\$0.00	\$96.50	\$2,316.00
11	3006021	55154-4002	Bushing Short Yoke	72	\$105.25	\$7,578.00	\$36.00	\$2,592.00		\$0.00	\$49.30	\$3,549.60
12	3006020	55241-4001	Plate Wear Head Shim	48	\$85.75	\$4,116.00	\$55.00	\$2,640.00	\$46.80	\$2,246.40		\$0.00
13	3006023	15773-4030	Spring, Secondary Support	24	\$78.85	\$1,892.40	\$29.00	\$696.00	\$23.41	\$561.84		\$0.00
14	3006022	15773-4029	Spring Primary Support	24	\$208.25	\$4,998.00		\$0.00	\$23.41	\$561.84		\$0.00
15	3006025	55155-4002	Spacer	24	\$121.25	\$2,910.00	\$29.00	\$696.00		\$0.00		\$0.00
16	3006006	55145-3001	Bolt Shearer Emerg Rel	96	\$121.25	\$11,640.00		\$0.00		\$0.00		\$0.00
17	3006004	56231-4001	Carrier Radial Steel Bar	24	\$1,676.50	\$40,236.00		\$0.00	\$894.60	\$21,470.40		\$0.00
18	3006085	23963-3001	Rings	72	\$60.25	\$4,338.00		\$0.00	\$57.00	\$4,104.00		\$0.00
19	3006027	55154-4001	Sleeve Main Shaft	12	\$336.50	\$4,038.00		\$0.00	\$30.52	\$366.24		\$0.00
20	3006026	53892-4001	Ring Emerg Release	24	\$280.80	\$6,739.20		\$0.00		\$0.00		\$0.00
21	3006007	23-4555	O Ring	48	\$1.00	\$48.00		\$0.00		\$0.00		\$0.00
22	3006009	23880-4002	Shim Nylon	168	\$1.96	\$329.28	\$4.00	\$672.00		\$0.00		\$0.00
23	3006008	23880-4003	Shim Steel	48	\$14.30	\$686.40	\$10.00	\$480.00		\$0.00		\$0.00
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96	\$2.75	\$264.00	\$2.00	\$192.00		\$0.00		\$0.00

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
 HRV COUPLER OVERHAUL PROJECT
 AWARDS 2009

Item	GCRТА Part #	OEM Part #	Description	2009 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2009 Ext Price	Dellner Unit Price	Dellner 2009 Ext Price	Brooklyn Unit Price	Brooklyn 2009 Ext Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	30	\$13.00	\$390.00	\$11.00	\$330.00		\$0.00		\$0.00
26	3006032A	56956-4032	1/2" x 5" Roll Pin	30	\$17.15	\$514.50		\$0.00		\$0.00		\$0.00
27	3010065	55464-4001	Spring Hook	72	\$185.15	\$13,330.80		\$0.00	\$32.95	\$2,372.40		\$0.00
28	3010119	55473-4001	Cam Hook Cam	24	\$397.80	\$9,547.20		\$0.00	\$345.98	\$8,303.52		\$0.00
29	3010019	53966-4002	Hook Pin	48	\$104.00	\$4,992.00		\$0.00		\$0.00		\$0.00
30	3010141	56199-4002	Cam Pin	24	\$30.15	\$723.60		\$0.00	\$23.15	\$555.60		\$0.00
31	3010142	13967-2000	Coupler	24	\$717.45	\$17,218.80	\$583.00	\$13,992.00		\$0.00		\$0.00
32	3606048	1-4461	1" X & 1/2" Bolt Susp	24		\$0.00		\$0.00		\$0.00		\$0.00
33	40448	3-4387	Cotter Pin 3/8"	50	\$1.10	\$55.00		\$0.00		\$0.00		\$0.00
34		11-4313	Grease Fitting 1/8" pipe Thread 1/4" Long	84	\$0.65	\$54.60		\$0.00		\$0.00		\$0.00
35		11-4310	Grease Fitting 1/8" pipe Thread 1/2" Long	48	\$0.52	\$24.96		\$0.00		\$0.00		\$0.00
36		3-4045	NY lock Nut 3/4" Nylon Nut Radial Bar	120	\$0.99	\$118.80		\$0.00		\$0.00		\$0.00
37			7/8" Anchorage Plate Nut Coarse Thread	192		\$0.00		\$0.00		\$0.00		\$0.00
38		53592-4038	Anchorage Pin Bolt 1/2" x 5 1/2" Coarse Thread	48	\$11.70	\$661.60		\$0.00		\$0.00		\$0.00
39		3-4042	Anchorage Pin Nut 1/2" NY Lock Coarse	48	\$0.73	\$35.04		\$0.00		\$0.00		\$0.00
40		54290-6001	Centering Coupler Spring	48	\$140.40	\$6,739.20		\$0.00		\$0.00		\$0.00
41		29-4176	1/2" Open Eye Bolt Snap	48	\$16.65	\$799.20		\$0.00		\$0.00		\$0.00
42		55155-4001	2" Flat Washer 3/16" Thick	48	\$8.35	\$400.80		\$0.00		\$0.00		\$0.00

TOTAL BY SUPPLIER
(BIDDER)

\$46,471.78 \$26,970.00 \$40,542.24 \$2,784.00

TOTAL 2009

\$116,768.02

Greater Cleveland Regional Transit Authority
HRV Coupler Parts Overhaul Project
Awards - 2008

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	Wabtec Unit Price	Wabtec Ext Price	Hall Unit Price	Hall 2008 Ext Price	Dellner Unit Price	Dellner 2008 Ext Price	Brooklyn Unit Price	Brooklyn 2008 Ext Price
1	3006003	55115-3001	Pin Assembly Anchorage	24	\$367.50	\$8,820.00		\$0.00		\$0.00	\$103.00	\$2,472.00
2	3006002	56234-4001	Screw Flat Socket Hd	120	\$22.50	\$2,700.00		\$0.00		\$0.00		\$0.00
3	3006033	24277-4002	Nut Tail Plug	24	\$225.00	\$5,400.00	\$240.00	\$5,760.00		\$0.00		\$0.00
4	3006035	54379-4001	Plate Wear	24	\$29.00	\$696.00	\$26.00	\$624.00		\$0.00		\$0.00
5	3006036	54369-4001	Bushing	24	\$129.75	\$3,114.00	\$15.00	\$360.00		\$0.00	\$71.00	\$1,704.00
6	3006029	13669-4003	Plate Follower	48	\$81.50	\$3,912.00		\$0.00		\$0.00		\$0.00
7	3006031	24277-4003	Nut Tail Plug	24	\$187.00	\$4,488.00	\$136.00	\$3,264.00	\$148.28	\$3,558.72		\$0.00
8	3006014	55156-4001	Pin Clevis Steel	24	\$500.00	\$12,000.00	\$116.00	\$2,784.00		\$0.00	\$127.00	\$3,048.00
9	3006012	55154-4003	Bushing Steel Anchorage	24	\$37.20	\$892.80	\$45.00	\$1,080.00		\$0.00	\$63.00	\$1,512.00
10	3006019	55197-4001	Bushing Longer Tail Eye	24	\$185.00	\$4,440.00	\$69.00	\$1,656.00		\$0.00	\$86.00	\$2,064.00
11	3006021	55154-4002	Bushing Short Yoke	72	\$101.25	\$7,290.00	\$36.00	\$2,592.00		\$0.00	\$44.00	\$3,168.00
12	3006020	55241-4001	Plate Wear Head Shim	48	\$82.50	\$3,960.00	\$55.00	\$2,640.00	\$45.00	\$2,160.00		\$0.00
13	3006023	15773-4030	Spring, Secondary Support	24	\$76.76	\$1,842.24	\$29.00	\$696.00	\$22.51	\$540.24		\$0.00
14	3006022	15773-4029	Spring Primary Support	24	\$200.20	\$4,804.80	\$29.00	\$696.00	\$22.51	\$540.24		\$0.00
15	3006025	55155-4002	Spacer	24	\$116.50	\$2,796.00		\$0.00		\$0.00		\$0.00
16	3006006	55145-3001	Bolt Shearer Emerg Rel	96	\$116.50	\$11,184.00		\$0.00		\$0.00		\$0.00
17	3006004	56231-4001	Carrier Radial Steel Bar	24	\$1,612.00	\$38,688.00		\$0.00	\$860.20	\$20,644.80		\$0.00
18	3006085	23963-3001	Rings	72	\$68.00	\$4,176.00		\$0.00	\$54.80	\$3,945.60		\$0.00
19	3006027	55154-4001	Sleeve Main Shaft	12	\$323.65	\$3,883.80		\$0.00	\$29.35	\$352.20		\$0.00
20	3006026	53892-4001	Ring Emerg Release	24	\$270.00	\$6,480.00		\$0.00		\$0.00		\$0.00
21	3006007	23-4555	O Ring	48	\$0.95	\$45.60		\$0.00		\$0.00		\$0.00
22	3006009	23880-4002	Shim Nylon	168	\$1.88	\$315.84	\$4.00	\$672.00		\$0.00		\$0.00
23	3006008	23880-4003	Shim Steel	48	\$13.75	\$660.00	\$10.00	\$480.00		\$0.00		\$0.00
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96	\$2.65	\$254.40	\$2.00	\$192.00		\$0.00		\$0.00

Greatre Cleveland Regional Transit Authority
HRV Coupler Parts Overhaul Project
Awards - 2008

Item	GCRТА Part #	OEM Part #	Description	2008 Quantity	Wabtec Unit Price	Wabtec 2008 Ext Price	Hall Unit Price	Hall 2008 Ext Price	Deilner Unit Price	Deilner 2008 Ext Price	Brooklyn Unit Price	Brooklyn 2008 Ext Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	30	\$12.50	\$375.00	\$11.00	\$330.00		\$0.00		\$0.00
26	3006032A	56956-4032	1/2" x 5' Roll Pin	30	\$16.50	\$495.00		\$0.00		\$0.00		\$0.00
27	3010065	55464-4001	Spring Hook	72	\$178.00	\$12,816.00		\$0.00	\$31.69	\$2,281.68		\$0.00
28	3010119	55473-4001	Cam Hook Cam	24	\$382.50	\$9,180.00		\$0.00	\$332.67	\$7,984.08		\$0.00
29	3010019	53966-4002	Hook Pin	48	\$100.00	\$4,800.00		\$0.00		\$0.00		\$0.00
30	3010141	56199-4002	Cam Pin	24	\$29.00	\$696.00		\$0.00	\$22.26	\$534.24		\$0.00
31	3010142	13967-2000	Coupler	24	\$689.85	\$16,556.40	\$583.00	\$13,992.00		\$0.00		\$0.00
32	3606048	1-4461	1" X &-1/2" Bolt Susp	24		\$0.00		\$0.00		\$0.00		\$0.00
33	40448	3-4387	Colter Pin 3/8"	50	\$1.05	\$52.50		\$0.00		\$0.00		\$0.00
34		11-4313	Grease Fitting 1/8" pipe Thread 1/4" Long	84	\$0.63	\$52.92		\$0.00		\$0.00		\$0.00
35		11-4310	Grease Fitting 1/8" pipe Thread 1/2" Long	48	\$0.50	\$24.00		\$0.00		\$0.00		\$0.00
36		3-4045	NY lock Nut 3/4" Nylon Nut Radial Bar	120	\$0.95	\$114.00		\$0.00		\$0.00		\$0.00
37			7/8" Anchorage Plate Nut Coarse Thread	192		\$0.00		\$0.00		\$0.00		\$0.00
38		53592-4038	Anchorage Pin Bolt 1/2" x 5 1/2" Coarse Thread	48	\$11.25	\$540.00		\$0.00		\$0.00		\$0.00
39		3-4042	Anchorage Pin Nut 1/2" NY Lock Coarse	48	\$0.70	\$33.60		\$0.00		\$0.00		\$0.00
40		54290-6001	Centering Coupler Spring	48	\$135.00	\$6,480.00		\$0.00		\$0.00		\$0.00
41		29-4176	1/2" Open Eye Bolt Snap	48	\$15.95	\$765.60		\$0.00		\$0.00		\$0.00
42		55155-4001	2" Flat Washer 3/16" Thick	48	\$8.00	\$384.00		\$0.00		\$0.00		\$0.00

TOTAL BY SUPPLIER
(BIDDER)

\$44,671.86 \$26,970.00 \$38,983.08 \$2,472.00

TOTAL 2008

\$113,096.94

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER PARTS OVERHAUL PROJECT**

Item	GCRТА Part #	OEM Part #	Description	2008 Quantity	Unit Price	2009 Quantity	Unit Price	2010 Quantity	Unit Price	2011 Quantity	Unit Price
1	3006003	55115-3001	Pin Assembly Anchorage	24		24		16		16	
2	3006002	56234-4001	Screw Flat Socket Hd	120		120		80		80	
3	3006033	24277-4002	Nut Tail Plug	24		24		16		16	
4	3006035	54379-4001	Plate Wear	24		24		16		16	
5	3006036	54369-4001	Bushing	24		24		16		16	
6	3006029	13669-4003	Plate Follower	48		48		32		32	
7	3006031	24277-4003	Nut Tail Plug	24		24		16		16	
8	3006014	55156-4001	Pin Clevis Steel	24		24		16		16	
9	3006012	55154-4003	Bushing Steel Anchorage	24		24		16		16	
10	3006019	55197-4001	Bushing Longer Tail Eye	24		24		16		16	
11	3006021	55154-4002	Bushing Short Yoke	72		72		48		48	
12	3006020	55241-4001	Plate Wear Head Shim	48		48		32		32	
13	3006023	15773-4030	Spring, Secondary Support	24		24		16		16	
14	3006022	15773-4029	Spring Primary Support	24		24		16		16	
15	3006025	55155-4002	Spacer	24		24		16		16	
16	3006006	55145-3001	Bolt Shearer Emerg Rel	96		96		64		64	
17	3006004	56231-4001	Carrier Radial Steel Bar Element Draft Gear Rubber Rings	24		24		16		16	
18	3006085	23963-3001		72		72		40		40	
19	3006027	55154-4001	Sleeve Main Shaft	12		12		8		8	
20	3006026	53892-4001	Ring Emerg Release	24		24		16		16	
21	3006007	23-4555	O Ring	48		48		32		32	
22	3006009	23880-4002	Shim Nylon	168		168		112		112	
23	3006008	23880-4003	Shim Steel	48		48		32		32	
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96		96		64		64	

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER PARTS OVERHAUL PROJECT**

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	Unit Price	2009 Quantity	Unit Price	2010 Quantity	Unit Price	2011 Quantity	Unit Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	30		30		20		20	
26	3006032A	56956-4032	1/2" x 5" Roll Pin	30		30		20		20	
27	3010065	55464-4001	Spring Hook	72		72		48		48	
28	3010119	55473-4001	Cam Hook Cam	24		24		16		16	
29	3010019	53966-4002	Hook Pin	48		48		32		32	
30	3010141	56199-4002	Cam Pin	24		24		16		16	
31	3010142	13967-2000	Coupler	24		24		16		16	
32	3606048	1-4461	1" X &-1/2" Bolt Susp	24		24		16		16	
33	40448	3-4387	Cotter Pin 3/8"	50		50		32		32	
34		11-4313	Grease Fitting 1/8" pipe Thread 1/4" Long	84		84		56		56	
35		11-4310	Grease Fitting 1/8" pipe Thread 1/2" Long	48		48		32		32	
36		3-4045	NY lock Nut 3/4" Nylon Nut Radial Bar	120		120		80		80	
37			7/8" Anchorage Plate Nut Coarse Thread	192		192		128		128	
38		53592-4038	Anchorage Pin Bolt 1/2" x 5 1/2" Coarse Thread	48		48		32		32	
39		3-4042	Anchorage Pin Nut 1/2" NY Lock Coarse	48		48		32		32	
40		54290-6001	Centering Coupler Spring	48		48		32		32	
41		29-4176	1/2" Open Eye Bolt Snap	48		48		32		32	
42		55155-4001	2" Flat Washer 3/16" Thick	48		48		32		32	

**Greater Cleveland Regional Transit Authority
HRV Coupler Parts Overhaul Project
Dellner Coupler Inc. Award**

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	2009 Unit Price	2009 Quantity	2010 Unit Price	2010 Quantity	2011 Unit Price	2011 Quantity	Unit Price
1	3006003	55115-3001	Pin Assembly Anchorage	24		24		16		16	
2	3006002	56234-4001	Screw Flat Socket Hd	120		120		80		80	
3	3006033	24277-4002	Nut Tail Plug	24		24		16		16	
4	3006035	54379-4001	Plate Wear	24		24		16		16	
5	3006036	54369-4001	Bushing	24		24		16		16	
6	3006029	13669-4003	Plate Follower	48		48		32		32	
7	3006031	24277-4003	Nut Tail Plug	24	\$148.28	24	\$154.20	16	\$160.35	16	\$166.76
8	3006014	55156-4001	Pin Clevis Steel	24		24		16		16	
9	3006012	55154-4003	Bushing Steel Anchorage	24		24		16		16	
10	3006019	55197-4001	Bushing Longer Tail Eye	24		24		16		16	
11	3006021	55154-4002	Bushing Short Yoke	72		72		48		48	
12	3006020	55241-4001	Plate Wear Head Shim	48	\$45.00	48	\$46.80	32	\$48.65	32	\$50.50
13	3006023	15773-4030	Spring, Secondary Support	24	\$22.51	24	\$23.41	16	\$24.35	16	\$25.32
14	3006022	15773-4029	Spring Primary Support	24	\$22.51	24	\$23.41	16	\$24.35	16	\$25.32
15	3006025	55155-4002	Spacer	24		24		16		16	
16	3006006	55145-3001	Bolt Shearer Emerg Rel	96		96		64		64	
17	3006004	56231-4001	Carrier Radial Steel Bar	24	\$860.20	24	\$894.60	16	\$930.39	16	\$967.60
18	3006085	23963-3001	Rings	72	\$54.80	72	\$57.00	40	\$59.27	40	\$61.64
19	3006027	55154-4001	Sleeve Main Shaft	12	\$29.35	12	\$30.52	8	\$31.75	8	\$33.08
20	3006026	53892-4001	Ring Emerg Release	24		24		16		16	
21	3006007	23-4555	O Ring	48		48		32		32	
22	3006009	23880-4002	Shim Nylon	168		168		112		112	
23	3006008	23880-4003	Shim Steel	48		48		32		32	
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96		96		64		64	

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER PARTS OVERHAUL PROJECT
WABTEC AWARD**

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	Unit Price	2009 Quantity	Unit Price	2010 Quantity	Unit Price	2011 Quantity	Unit Price
1	3006003	55115-3001	Pin Assembly Anchorage	24		24		16		16	
2	3006002	56234-4001	Screw Flat Socket Hd	120	\$22.50	120	\$23.40	80	\$24.35	80	\$25.30
3	3006033	24277-4002	Nut Tail Plug	24	\$225.00	24	\$234.00	16	\$243.35	16	\$253.00
4	3006035	54379-4001	Plate Wear	24	\$29.00	24	\$30.15	16	\$31.35	16	\$32.60
5	3006036	54369-4001	Bushing	24	\$129.75	24	\$135.00	16	\$140.40	16	\$146.00
6	3006029	13669-4003	Plate Follower	48	\$81.50	48	\$84.75	32	\$88.15	32	\$91.70
7	3006031	24277-4003	Nut Tail Plug	24	\$187.00	24	\$194.50	16	\$202.25	16	\$210.35
8	3006014	55156-4001	Pin Clevis Steel	24	\$500.00	24	\$520.00	16	\$540.80	16	\$562.50
9	3006012	55154-4003	Bushing Steel Anchorage	24	\$37.20	24	\$38.65	16	\$40.20	16	\$41.80
10	3006019	55197-4001	Bushing Longer Tail Eye	24	\$185.00	24	\$192.45	16	\$200.15	16	\$208.15
11	3006021	55154-4002	Bushing Short Yoke	72	\$101.25	72	\$105.25	48	\$109.45	48	\$113.85
12	3006020	55241-4001	Plate Wear Head Shim	48	\$82.50	48	\$85.75	32	\$89.25	32	\$93.00
13	3006023	15773-4030	Spring, Secondary Support	24	\$76.76	24	\$78.85	16	\$73.00	16	\$86.35
14	3006022	15773-4029	Spring Primary Support	24	\$200.20	24	\$208.25	16	\$216.55	16	\$225.20
15	3006025	55155-4002	Spacer	24	\$116.50	24	\$121.25	16	\$126.10	16	\$131.15
16	3006006	55145-3001	Bolt Shearer Emerg/Rel	96	\$116.50	96	\$121.25	64	\$126.10	64	\$131.15
17	3006004	56231-4001	Carrier Radial Steel Bar	24	\$1,612.00	24	\$1,676.50	16	\$1,743.55	16	\$1,813.25
18	3006085	23963-3001	Rings	72	\$58.00	72	\$60.25	40	\$62.50	40	\$65.00
19	3006027	55154-4001	Sleeve Main Shaft	12	\$323.65	12	\$336.50	8	\$350.00	8	\$364.00
20	3006026	53892-4001	Ring Emerg Release	24	\$270.00	24	\$280.80	16	\$292.00	16	\$303.75
21	3006007	23-4555	O Ring	48	\$0.95	48	\$1.00	32	\$1.05	32	\$1.09
22	3006099	23880-4002	Shim Nylon	168	\$1.88	168	\$1.96	112	\$2.05	112	\$2.12
23	3006008	23880-4003	Shim Steel	48	\$13.75	48	\$14.30	32	\$15.00	32	\$15.60
24	3006006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96	\$2.65	96	\$2.75	64	\$2.90	64	\$3.00

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER PARTS OVERHAUL PROJECT
WABTEC AWARD**

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	2008 Unit Price	2009 Quantity	2009 Unit Price	2010 Quantity	2010 Unit Price	2011 Quantity	2011 Unit Price	Unit Price
25	3006032	56956-4027	Pin, Spiral 1/2"x4"	30	\$12.50	30	\$13.00	20	\$13.50	20	\$14.00	\$14.00
26	3006032A	56956-4032	1/2" x 5" Roll Pin	30	\$16.50	30	\$17.15	20	\$17.85	20	\$18.55	\$18.55
27	3010065	55464-4001	Spring Hook	72	\$178.00	72	\$185.15	48	\$192.55	48	\$200.25	\$200.25
28	3010119	55473-4001	Cam Hook Cam	24	\$382.50	24	\$397.80	16	\$413.70	16	\$430.25	\$430.25
29	3010019	53966-4002	Hook Pin	48	\$100.00	48	\$104.00	32	\$108.15	32	\$112.50	\$112.50
30	3010141	56199-4002	Cam Pin	24	\$29.00	24	\$30.15	16	\$31.35	16	\$32.60	\$32.60
31	3010142	13967-2000	Coupler	24	\$689.85	24	\$717.45	16	\$746.15	16	\$776.00	\$776.00
32	3606048	1-4461	1" X & 1/2" Bolt Susp	24		24		16		16		
33	40448	3-4387	Cotter Pin 3/8"	50	\$1.05	50	\$1.10	32	\$1.15	32	\$1.20	\$1.20
34		11-4313	Grease Fitting 1/8" pipe Thread 1/4" Long	84	\$0.63	84	\$0.65	56	\$0.68	56	\$0.70	\$0.70
35		11-4310	Grease Fitting 1/8" pipe Thread 1/2" Long	48	\$0.50	48	\$0.52	32	\$0.54	32	\$0.56	\$0.56
36		3-4045	NY lock Nut 3/4" Nylon Nut Radial Bar	120	\$0.95	120	\$0.99	80	\$1.03	80	\$1.07	\$1.07
37			7/8" Anchorage Plate Nut Coarse Thread	192		192		128		128		
38		53592-4038	Anchorage Pin Bolt 1/2" x 5 1/2" Coarse Thread	48	\$11.25	48	\$11.70	32	\$12.15	32	\$12.65	\$12.65
39		3-4042	Anchorage Pin Nut 1/2" NY Lock Coarse	48	\$0.70	48	\$0.73	32	\$0.76	32	\$0.79	\$0.79
40		54290-6001	Centering Coupler Spring	48	\$135.00	48	\$140.40	32	\$146.00	32	\$151.85	\$151.85
41		29-4176	1/2" Open Eye Bolt Snap	48	\$15.95	48	\$16.65	32	\$17.35	32	\$18.00	\$18.00
42		55155-4001	2" Flat Washer 3/16" Thick	48	\$8.00	48	\$8.35	32	\$8.65	32	\$9.00	\$9.00

ALL UNPRICED ITEMS WERE NOT QUOTED BY WABTEC
SHADED AREAS ARE THOSE AWARDED TO WABTEC

TOTAL OF SUCCESSFUL BIDDED ITEMS \$44,671.86 \$46,471.78 \$32,220.68 \$33,506.52

Grand Total of Four Year Contract \$156,870.84

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY
HRV COUPLER PARTS OVERHAUL PROJECT
HALL INDUSTRIES AWARD**

Item	GCRTA Part #	OEM Part #	Description	2008 Quantity	Unit Price	2009 Quantity	Unit Price	2010 Quantity	Unit Price	2011 Quantity	Unit Price
1	3006003	55115-3001	Pin Assembly Anchorage	24		24		16		16	
2	3006002	56234-4001	Screw Flat Socket Hd	120		120		80		80	
3	3006033	24277-4002	Nut Tail Plug	24	\$240.00	24	\$240.00	16	\$240.00	16	\$260.00
4	3006035	54379-4001	Plate Wear	24	\$26.00	24	\$26.00	16	\$26.00	16	\$28.00
5	3006036	54369-4001	Bushing	24	\$15.00	24	\$15.00	16	\$15.00	16	\$16.00
6	3006029	13669-4003	Plate Follower	48		48		32		32	
7	3006031	24277-4003	Nut Tail Plug	24	\$136.00	24	\$136.00	16	\$136.00	16	\$150.00
8	3006014	55156-4001	Pin Clevis Steel	24	\$116.00	24	\$116.00	16	\$116.00	16	\$129.00
9	3006012	55154-4003	Bushing Steel Anchorage	24	\$45.00	24	\$45.00	16	\$45.00	16	\$50.00
10	3006019	55197-4001	Bushing Longer Tail Eye	24	\$69.00	24	\$69.00	16	\$69.00	16	\$76.00
11	3006021	55154-4002	Bushing Short Yoke	72	\$36.00	72	\$36.00	48	\$36.00	48	\$42.00
12	3006020	55241-4001	Plate Wear Head Shim	48	\$55.00	48	\$55.00	32	\$55.00	32	\$60.00
13	3006023	15773-4030	Spring, Secondary Support	24	\$29.00	24	\$29.00	16	\$29.00	16	\$34.00
14	3006022	15773-4029	Spring Primary Support	24		24		16		16	
15	3006025	55155-4002	Spacer	24	\$29.00	24	\$29.00	16	\$29.00	16	\$36.00
16	3006006	55145-3001	Bolt Shearer Emerg Rel	96		96		64		64	
17	3006004	56231-4001	Carrier Radial Steel Bar	24		24		16		16	
18	3006085	23963-3001	Element Draft Gear Rubber Rings	72		72		40		40	
19	3006027	55154-4001	Sleeve Main Shaft	12		12		8		8	
20	3006026	53892-4001	Ring Emerg Release	24		24		16		16	
21	3006007	23-4555	O Ring	48		48		32		32	
22	3006009	23880-4002	Shim Nylon	168	\$4.00	168	\$4.00	112	\$4.00	112	\$6.00
23	3006008	23880-4003	Shim Steel	48	\$10.00	48	\$10.00	32	\$10.00	32	\$12.00
24	3005006A	19779-4075	Washer Lock 1-1/4" Bdg Steel	96	\$2.00	96	\$2.00	64	\$2.00	64	\$2.50

