

**16**REGULAR BOARD MEETING  
DECEMBER 4, 2003**16**Metropolitan  
Transportation  
Authority**SUBJECT: P2000 RAIL CAR SPLIT BRAKE DISCS****ACTION: AWARD CONTRACT FOR LRV SPLIT BRAKE DISCS****RECOMMENDATION**

Authorize the Chief Executive Officer to award a 24-month firm fixed-price contract under Bid No. 03-0029 with Siemens Transportation Systems, the lowest responsive, responsible bidder for P2000 rail car split brake discs in an amount of \$1,406,038, inclusive of sales tax.

**RATIONALE**

This procurement is for the purchase of 600 center and 280 power truck split brake discs for the P2000 rail cars to provide continued support and safe operating conditions. The discs are mounted on the axles. There are four discs per center truck and two discs on each of the two power trucks. When the brakes are applied, the brake pads exert pressure on each side of the disc and slow or stop the train. Because of the weight of the trains and the stopping frequency, these disc brakes wear out and need to be replaced on a frequent basis. MTA rail maintenance personnel routinely check the discs and change them when they reach the wear tolerance that has been established. The center truck requires all four discs to be changed out at the same time, but the power trucks require that each disc be treated separately and changed out as required.

This is a requirements-type contract, where parts are to be ordered as the need arises. These parts have long lead times, approximately five to seven months. Therefore, it is necessary to have these items either in stock or ready for delivery to ensure uninterrupted revenue service.

**FINANCIAL IMPACT**

Funding of \$324,720 for these parts is included in the FY04 budget in Cost Center Number 3940, Rail Equipment Maintenance under Project 300007, Light Rail Purchase Parts. Since this is a multi-year contract, the Cost Center Manager and Deputy Chief Executive Officer will be accountable for budgeting the cost in future years.

One Gateway Plaza  
Los Angeles, CA  
90012-2952


## **ALTERNATIVES CONSIDERED**

The alternative is not to award the contract and procure the rail parts on an as-needed basis using the traditional “min/max” replenishment system method. Staff does not recommend this strategy since it does not provide for a commitment from the supplier to ensure availability, timely delivery and a guaranteed fixed price for the parts.

## **ATTACHMENTS**

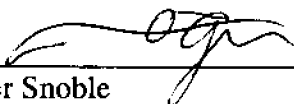
- A Procurement Summary
- A-1 Procurement History
- A-2 List of Subcontractors
- A-3 Bid Tabulation

Prepared By: Sherri Jackson, Senior Buyer



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John B. Catoe, Jr.  
Deputy Chief Executive Officer



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Roger Snoble  
Chief Executive Officer

**BOARD REPORT ATTACHMENT A  
PROCUREMENT SUMMARY**

**P2000 RAIL CAR SPLIT BRAKE DISCS**

<b>1.</b>	Contract Number: 03-0029		
<b>2.</b>	Recommended Vendor: Siemens Transportation Systems, Inc., Sacramento, California WABCO Transit Division, Duncan, South Carolina		
<b>3.</b>	Cost/Price Analysis Information:		
	1. Bid/Proposed Price: \$1,406,038 –Siemens Transportation \$1,442,189 –WABCO Transit	Estimated Amount: \$1,434,360.00	
	B. Details of Significant Variances are in Attachment A-1.D		
<b>4.</b>	Contract Type: Fixed Price		
<b>5.</b>	Procurement Dates:		
	A. Issued: 7/17/03		
	B. Advertised: 7/08/03		
	C. Pre-bid Conference: 7/28/03		
	D. Proposals/Bids Due: 8/1/03		
	E. Pre-Qualification Completed: Yes		
	F. Conflict of Interest Form Submitted to Ethics: Yes		
<b>6.</b>	Small Business Participation:		
	A. Bid/Proposal Goal: No goal recommended	Date Small Business Evaluation Completed: N/A	
	Small Business Commitment: No goal recommended		
<b>7.</b>	Invitation for Bid/Request for Proposal Data:		
	Notifications Sent: 146	Bids/Proposals Picked up: 4	Bids/Proposals Received: 2
<b>8.</b>	Evaluation Information:		
	A. <u>Bidders/Proposers Names:</u>  1. Siemens Transportation Systems, Inc. 2. WABCO Transit Division	<u>Bid/Proposal Amount:</u>  \$1,406,038  \$1,443,189	<u>Best and Final Offer Amount:</u> N/A
	B. Evaluation Methodology: Selection of the lowest responsive, responsible bidder.		
<b>9.</b>	Protest Information:		
	A. Protest Period End Date: 11/25/03		
	B. Protest Receipt Date: TBD		
	C. Disposition of Protest Date: TBD		
<b>10</b>	Contract Administrator: Sherri Jackson	Telephone Number: 213/922-1025	
<b>11</b>	Project Manager: Paul Lewicki	Telephone Number: 213/922-5029	

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

**P2000 RAIL CAR SPLIT BRAKE DISCS**

**A. Background on Contractor**

Siemens Transportation Systems, Inc. is a division of the Siemens organization, which has a history spanning over 150 years. Siemens is the world's largest supplier of products, systems, solutions and services for industrial automation. Siemens is the original equipment manufacturer of the P2000 rail cars. The parts under this procurement are supplied by the aftermarket division of Siemens Transportation Systems, known as Siemen's Integrated Services. This division is responsible not only for supplying parts but also for services including refurbishments and overhauls.

Siemens Transportation Systems has provided satisfactory service and products to the MTA. In addition, they have provided satisfactory service and products to San Diego Trolley, Inc., Sacramento Regional Transit, Chicago Transit Authority, San Francisco Municipal Railway and Utah Transit Authority.

**B. Procurement Background**

In accordance with the MTA's Procurement Policies and Procedures, staff performed a technical evaluation of the two bids that were received. The bids submitted by Siemens Transportation Systems, Inc. and WABCO Transit Division, were found to be in full compliance with the specifications.

The brake discs are warranted for 12 months for defects and workmanship.

The Diversity and Economic Opportunity Department did not recommend a Disadvantaged Business Enterprise (DBE) participation goal for this procurement.

**C. Evaluation Criteria**

Technical review and selection of the lowest responsive, responsible bidder.

**Bidder #1** Siemens Transportation Systems, Inc. was found compliant with the specification, and the lowest bidder.

**Bidder #2** WABCO Transit Division was found compliant with the specifications, but was not the lowest bidder.

D. Cost/Price Analysis Explanation of Variances

The recommended bid price of \$1,406.038 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  
P2000 RAIL CAR SPLIT BRAKE DISCS**

**PRIME CONTRACTOR**

Siemens Transportation Systems, Inc.

**Small Business Commitment**

**Other Subcontractors**

0% Bid Goal

None

**Total Commitment**            0%

**BOARD REPORT ATTACHMENT A-3  
 BID TABULATION 030029**

**P2000 RAIL CAR SPLIT DISC BRAKES**

Bids Out: 07/18/03 Total: 4  
 Bids Opened: 08/28/03 Total: 2  
 Adv. Date: 07/08/03  
 Newspaper: Daily News

			Wabco Transit Division		Siemens Transportation Systems	
Item	Description	Qty	Unit Price	Extension	Unit Price	Extension
1	Split Disc, Was-21, for Center Truck	600	\$1,515.00	\$909,000.00	\$1,476.00	\$885,600.00
2	Split Disc, for Power Truck	280	\$1,515.00	\$424,200.00	\$1,476.00	\$413,280.00
Subtotal				\$1,333,200.00		\$1,298,880.00
Sales Tax 8.25%				\$109,989.00		\$107,157.60
Total Bid				\$1,443,189.00		\$1,406,037.60

I hereby certify Siemens Transportation System, Inc. as being the lowest responsible bidder and recommend award to them for a total price, including sales tax, of \$1,406,038.

11/3/03  
 Date

  
 Signature