

RESOLUTION NO. 2003 - 024

AUTHORIZING CONTRACT 2002-102 WITH THE NATIONAL RESEARCH COUNCIL OF CANADA FOR A HEAVY AND LIGHT RAIL WHEEL/RAIL INTERFACE STUDY AT A TOTAL COST OF \$194,288 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET).

WHEREAS, the offer of National Research Council of Canada, located at 3250 East Mall, Vancouver, British Columbia, Canada V6T 1W5, for the furnishing of a Heavy and Light Rail Wheel/Rail Interface Study was received on October 2, 2002; and

WHEREAS, after negotiations, a total price of one hundred ninety-four thousand two hundred eighty eight and 00/100 dollars (\$194,288) was agreed upon; and

WHEREAS, the General Manager deems the offer of the National Research Council of Canada, as negotiated, for a total price of \$194,288, to be advantageous to the Authority, price and all other factors considered, and therefore recommends the 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 offer of the National Research Council of Canada, as negotiated, for a Heavy and Light Rail Wheel/Rail Interface Study, be and the same is hereby accepted as in the best interest of the Authority.

Section 2. That the General Manager of the Authority be and he is hereby authorized to enter into a contract with the National Research Council of Canada for a Heavy and Light Rail Wheel/Rail Interface Study.


Section 3. That said contract shall be payable at a total cost of one hundred ninety four thousand two hundred eighty eight and 00/100 dollars (\$194,288), RTA Development Fund, Rail District Department Budget, including but not limited to Capital Grant OH-90-X387 (\$155,430 in Federal Funds, which represents 80% of the total cost).

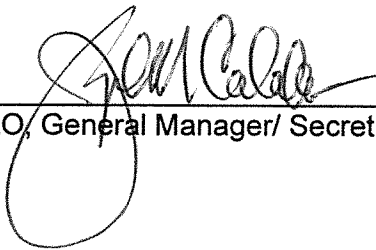
Section 4. That said contract shall be binding upon and an obligation of the authority contingent upon compliance by the contractor to the specification and addenda, if any; the affirmative action plan adopted by the Board of Trustees in Resolution 2002-120; bonding and insurance requirements and all applicable laws relating to the contractual obligations of the Authority.

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Section 5. That this resolution shall become effective immediately upon its adoption.

Adopted: March 18, 2003

  
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President

Attest:   
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CEO, General Manager/ Secretary-Treasurer



TITLE/DESCRIPTION: AUTHORIZING CONTRACT 2002-102 WITH THE NATIONAL RESEARCH COUNCIL OF CANADA FOR A HEAVY AND LIGHT RAIL WHEEL/RAIL INTERFACE STUDY AT A TOTAL COST OF \$194,288 (RTA DEVELOPMENT FUND, RAIL DISTRICT DEPARTMENT BUDGET ).	Resolution No.: 2003- 024
	Date: March 13, 2003
	Initiator: Rail District
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 contract will provide for professional services that will furnish an analysis of the Authority's Heavy and Light Rail wheel to rail interface.
- 2.0 DESCRIPTION/JUSTIFICATION: The GCRTA Rail System is unique in the Transit Industry in that both the Light and Heavy Rail Vehicles share a portion of common right of way. This project will identify problematic conditions and implement preventative maintenance procedures designed to increase system reliability and reduce material costs. Some of the areas to be addressed are wheel flange wear, rail gauge and head wear, seasonal difficulties related to wheel to rail adhesion, wheel and rail profiles, wheel/rail interface noise control, reduction of vehicle derailment risk, wheel truing processes, and lubrication systems. This is part of the Authority's ongoing Track Rehabilitation Program.

- 3.0 PROCUREMENT BACKGROUND: Two proposals were received in response to the request for proposals. Authority staff reviewed the written proposals and also received oral presentations from both proposers. After review of all submittals, and after negotiations, the proposal of the National Research Council of Canada was selected as the most advantageous to the Authority.

The National Research Council of Canada (NRC) was established in 1916 to conduct research and development in the transportation and manufacturing industries. The NRC currently has over 3400 employees across the United States and Canada and is a world leader in technological disciplines that include transportation, aerospace, materials and manufacturing technology, and marine dynamics. Some of their recent transit clients include the Dallas Area Rapid Transit (DART) in 1999, Sacramento Regional Transit District (RT) in 2000, Los Angeles Metropolitan Transportation Authority (LACMTA) in 1997, the Detroit Transportation Corporation in 1999, and the Calgary Light Rapid Transit in 2001. The NRC conducted wheel to rail interface studies at each of these transit properties.

A cost analysis has been performed, and the Procurement Department has determined the negotiated price to be fair and reasonable to the Authority.

- 4.0 DBE/AFFIRMATIVE ACTION BACKGROUND: All Affirmative Action requirements have been met. A 0% DBE goal was established for this procurement due to the lack of subcontracting opportunities.
- 5.0 POLICY IMPACT: Does not apply.
- 6.0 ECONOMIC IMPACT: This procurement will be funded through the RTA Development Fund, Rail District Department Budget, including but not limited Capital Grant OH-90-X387, line item 12.7A.00, at a total cost of one hundred ninety four thousand two hundred eighty eight and 00/100 dollars (\$194,288), (\$155,430 in Federal Funds, which represents 80% of the total cost).

- 7.0 ALTERNATIVES: Rejection of this contract will not provide for an independent analysis of the Authorities light and heavy rail wheel to rail interface conditions.
- 8.0 RECOMMENDATION: It is recommended that the offer of the National Research Council of Canada, as negotiated, be accepted and the resolution passed authorizing the General Manager to enter into a contract.
- 9.0 ATTACHMENTS: None.

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



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CEO, General Manager/Secretary-Treasurer