

RESOLUTION NO. 2014-53

AUTHORIZING CONTRACT NO. 2014-015 WITH SIL4 SYSTEMS, INC., FOR THE DEVELOPMENT, SATISFACTORY TESTING AND PRODUCTION OF A PROTOTYPE REPLACEMENT MICROPROCESSOR FOR THE AUTHORITY'S FLEET OF HEAVY RAIL VEHICLES (HRV), AS SPECIFIED, IN AN AMOUNT NOT TO EXCEED \$302,211.55 (RTA DEVELOPMENT FUND, RAIL EQUIPMENT DEPARTMENT BUDGET)

WHEREAS, the Authority needs to develop an alternative source for the microprocessor used on the controller on the Authority's Heavy Rail Fleet (HRV); and

WHEREAS, the proposal of SIL4 Systems, Inc., 669 Washington Road, Pittsburg, PA 15228, to provide development, satisfactory testing and production of a replacement microprocessor for the HRV fleet, in an amount not to exceed \$302,211.55 was received on April 22, 2014; and

WHEREAS, the General Manager/Secretary-Treasurer deems the offer of SIL4 Systems, Inc., as negotiated, to be in the best interest of the Authority 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 proposal submitted by SIL4 Systems, Inc., to provide development, satisfactory testing and production of up to 40 replacement microprocessors for the Heavy Rail Vehicle (HRV) fleet, 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 contract with SIL4 Systems, Inc., to provide development, satisfactory testing and production of replacement microprocessors for the HRV fleet.

Section 3. That said contact shall be payable from the RTA Development Fund, Rail District Department budget, including but not limited to, Capital Grant AOH-05-0105, in an amount not to exceed \$302,211.55 (\$241,769.24 in Federal funds which represents 80% of the total cost).

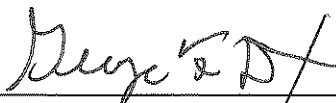
Section 4. That said contract shall be binding upon and an obligation of the Authority contingent upon compliance by the contractor to the Specifications and Addenda, if any; the Affirmative Action Plan adopted by the Board of Trustees in Resolution No. 2013-031; bonding and insurance requirements and 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 SIL4 Systems, Inc., will attempt to exceed the 0% minimum DBE goal assigned to this procurement.

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

Adopted: July 15, 2014

Attest: 
CEO/General Manager/Secretary-Treasurer



President



TITLE/DESCRIPTION: CONTRACT: DEVELOPMENT, TESTING AND PRODUCTION OF A PROTOTYPE MICROPROCESSOR FOR THE ACTIVE (HRV) FLEET VENDOR: SIL4 SYSTEMS INC. AMOUNT: NOT TO EXCEED \$302,211.55	Resolution No.: 2014-53
	Date: July 10, 2014
	Initiator: Training & Employee Development
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 a contact for the engineering, prototype development and testing of a microprocessor used on the Heavy Rail Vehicle (HRV) Fleet.
- 2.0 **DESCRIPTION/JUSTIFICATION:** The Authority currently operates 40 active Heavy Rail Vehicles (HRV) that entered service in 1984. The trains are, on average, 32 years old, and the technology that produced the current microprocessor no longer exists. The component parts (resistors, op amps, diodes, etc.) are no longer available. It is in the best interest of the Authority to develop a replacement system.
- 3.0 **PROCUREMENT BACKGROUND:** The Request for Proposal (RFP) was posted on the GCRTA Procurement web site and advertised in the local newspapers. Fourteen (14) prospective proposers downloaded the solicitation and four (4) proposals were received. The RFP consists of the base project: Development, manufacture and test a prototype unit to replace the current system and an option, exercisable at the discretion of the Authority, based on the results of the prototype, to produce up to 40 units. After evaluation by a panel of Authority employees in accordance with established Procurement Department policies and procedures, and after negotiations, the proposal of SIL4 Systems, Inc., in an amount not to exceed \$302,211.55, was determined to be in the best interest of the Authority.

A cost analysis was performed and the Procurement Department has determined the negotiated rates of SIL4 Systems, Inc., to be 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 the lack of certified DBE firms.
- 5.0 **POLICY IMPACT:** Does not apply.
- 6.0 **ECONOMIC IMPACT:** The contract will be funded through the RTA Development Fund, Rail District Department budget, including but not limited to, Capital Grant AOH-05-0105, Line item 12.11.21, in an amount not to exceed \$302,211.55 (\$241,769.24 in Federal funds which represents 80% of the total cost).
- 7.0 **ALTERNATIVES:** Rejection of this offer will impact the Authority's ability to replace worn and damaged parts.
- 8.0 **RECOMMENDATION:** It is recommended that the offer of SIL4 Systems, Inc., be accepted and the resolution passed authorizing the General Manager/Secretary-Treasurer 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.



CEO, General Manager/Secretary-Treasurer