

RESOLUTION NO. 2021-77

AUTHORIZING CONTRACT NO. 2021-62 WITH TEC INC. ENGINEERING & DESIGN FOR PROJECT 18.47 – GCRTA SYSTEM-WIDE ARC FLASH ANALYSIS IN AN AMOUNT NOT TO EXCEED \$329,203.00 (RTA DEVELOPMENT FUND, ENGINEERING & PROJECT DEVELOPMENT DEPARTMENT BUDGET)

WHEREAS, the Authority requires professional services of a qualified engineering firm (EF) to conduct short circuit and arc flash studies for all of the buildings throughout the GCRTA system, located throughout Cuyahoga County, Ohio; and

WHEREAS, this project is required to have the ability to perform an arc flash analysis whenever equipment is changed or at least every 5 years, per OSHA requirements, to maintain specific safety-related work practices; and

WHEREAS, the proposal of Tec Inc. Engineering & Design, with an office located at 33851 Curtis Blvd, Suite 216, Eastlake, OH 44095, to perform said services was received on May 27, 2021 in response to a competitive solicitation; and

WHEREAS, after negotiations, Tec Inc. Engineering & Design has agreed to perform the required services in an amount not to exceed \$329,203.00; and

WHEREAS, the General Manager, Chief Executive Officer deems the offer of Tec Inc. Engineering & Design to be the most advantageous to 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 negotiated offer of Tec Inc. Engineering & Design providing short circuit and arc flash studies for all of the GCRTA buildings under Project 18.47 – GCRTA System-Wide Arc Flash Analysis, be and the same is hereby accepted.

Section 2. That the General Manager, Chief Executive Officer of the Authority be and she is hereby authorized to enter into a contract with Tec Inc. Engineering & Design for the performance of said services.

Section 3. That said contract shall be payable from the RTA Development Funds, Engineering & Project Development Department budget, including but not limited to 100% Local funds, in an amount not to exceed \$329,203.00.

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; 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 Tec Inc. Engineering & Design will attempt to exceed the 4% minimum DBE goal assigned to this procurement.

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

Adopted: August 24, 2021



President

Attest:  
Secretary-Treasurer *acting for*
Rajan Gaikani

TITLE/DESCRIPTION: CONTRACT: PROJECT 18.47 – GCRTA SYSTEM-WIDE ARC FLASH ANALYSIS VENDOR: TEC INC. ENGINEERING & DESIGN AMOUNT: NTE \$329,203.00	Resolution No.: 2021-77
	Date: August 19, 2021
	Initiator: Engineering & Project 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 contract for a professional engineering firm to conduct the GCRTA System-Wide Arc Flash Analysis.
- 2.0 **DESCRIPTION/JUSTIFICATION:** This project is to obtain professional services of a qualified engineering firm (EF) to conduct short circuit and arc flash studies for all of the buildings (with some noted exceptions) throughout the RTA system, including the Main Office Building, maintenance garages, rail platform stations, power substations, transit centers, and comfort stations. Facilities are located throughout Cuyahoga County, Ohio. The EF will be required to prepare one-line diagrams, determine available short circuit currents, complete the short circuit and arc flash study, prepare and install labels, and detail the method used to perform the calculations needed for the DC components. The Occupational Safety and Health Administration (OSHA) requires an arc flash analysis be performed whenever equipment is changed or at least every 5 years.
- 3.0 **PROCUREMENT BACKGROUND:** The Request for Proposals (“RFP”) was posted on the GCRTA Procurement web site and advertised in the local newspapers. Twenty-seven interested parties, including potential subcontractors, downloaded the solicitation package. These services were solicited through a competitive negotiated procurement, utilizing the Brooks Act procedures. Under this process, the Authority’s evaluation panel first selects the most technically qualified firm, solicits a pricing proposal from that firm, and negotiates price only with that firm. Should the Authority determine that an agreement could not be reached with the most qualified firm, it may reject that proposal and repeat the process with the next most qualified firm. In this instance, negotiations were held with Tec Inc. Engineering & Design, the first ranked firm, and an acceptable price was reached.
- Tec Inc. Engineering & Design has successfully completed projects for the GCRTA, Laketran, The City of Cleveland, Lubrizol Corporation, University Hospitals, and The Ohio State University, among others.
- The Procurement Department performed a cost analysis and determined the proposed pricing to be fair and reasonable to the Authority.
- 4.0 **AFFIRMATIVE ACTION/DBE BACKGROUND:** All Affirmative Action requirements have been met. A 4% DBE goal was established for this procurement. Tec Inc. Engineering & Design has committed to achieving the DBE participation goal through the utilization of Tucker-Grubbs Construction (African American-owned) in the amount of \$23,700.00 or 5.28%.
- 5.0 **POLICY IMPACT:** Does not apply.

- 6.0 ECONOMIC IMPACT: This contract shall be payable from the RTA Development Funds, Engineering & Project Development Department budget, including but not limited to 100% Local funds, in an amount not to exceed \$329,203.00.
- 7.0 ALTERNATIVES: Reject this offer. Rejection of this offer would leave the Authority in noncompliance with OSHA safety requirements and the safety of GCRTA employees could be jeopardized with antiquated arc flash data information.
- 8.0 RECOMMENDATION: This procurement was discussed by the Board of Trustees at the August 10, 2021 Operational Planning and Infrastructure Committee meeting. It is recommended that the offer from Tec Inc. Engineering & Design be accepted and the resolution passed authorizing the General Manager, Chief Executive Officer 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.



General Manager, Chief Executive Officer