


Memorandum



Date: March 31, 2023

To: Gary Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: 
Alfredo E. Muñoz, P.E.
Chief, Capital Improvements Division
Department of Transportation and Public Works

Subject: Upcoming Solicitation for Construction Services for the Third Rail Isolation Disconnect Switch Replacement.
Contract No.: IRP338-DTPW23-CT

The Department of Transportation and Public Works (DTPW) respectfully requests that the Division of Small Business Development (SBD) evaluate Contract No.: IRP338-DTPW23-CT – Construction Services for the Metrorail 3rd Rail Disconnect Switches, to assign Small Business Enterprise measures and Community Workforce Program goals to proceed with the advertisement and subsequent bidding of a Construction Contract.

The Funding Source for the project is People's Transportation Plan Bond Program.

Scope of Work Parking Garages Overhaul:

DTPW has a need to obtain construction services for the Installation of the necessary conduits, inner ducts and fiber optic cables, Fiber panels and related equipment needed to create a Fiber Optic Ring SCADA Network to connect all 52 disconnect switches to the Traction Power Nucleus at the Palmetto Yard Tower. A total of 58 Disconnect Switches are required, 52- for the Palmetto Yard (PYD) and 6- for the Mainline, 2- for the Dadeland South Tail Track, 2- for Government Center Station and 2- for the Gap Tie 3/Palmetto Transition Area. Remove and replace the existing 46- switches and add 6- new switches at the ends of the 3- storage tracks at PYD. Remove/Replace to existing 6- switches located on the Mainline. High Pot Test all Jumper Cables before reconnecting to the new Disconnect Switches, replaced bad cables as needed. Provide and install new Fiber Optic Patch Panels and PLCs as needed to connect the control and indication through SCADA to the Nucleus at Central Control for the new Disconnect Switches at South end of the Government Center Station.

Install and connect the necessary wiring for the power and switch position indications to the Central Control Nucleus between the Communications room at Dadeland South Station and the Tail Track Disconnect Switches.

Project Location:

Palmetto Yard Tower, Dadeland South Tail, government Center Station, and Palmetto Transition Aera.

The construction cost estimate for this project is \$6,000,000.00, inclusive of the 10% Contingency Allowance Account. Attached is the cost breakdown inclusive of construction services and cost of materials for reference purposes.

Page Two

Should you have any questions, please feel free to contact Ms. Katherine Fernandez, at (305) 375-2726.

Attachments

AM/jbp


Cc:

Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD/SBD
Ian Pereira, DTPW

Katherine Fernandez, DTPW
Jean Bernard Philippeaux, DTPW
File

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

To: Gary T. Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: Alfredo E. Munoz, P.E. 
Chief, Capital Improvements/Contract Services Division
Department of Transportation and Public Works (DTPW)

Date: Friday, March 31, 2023

CONTRACT INFORMATION

Contract Type: Capital: Multiple Trade – Metrorail Third Rail Improvements

Request for Price Quotation (RPQ) No: IRP338

RPQ Title: Metrorail Third Rail Isolation Disconnect Switch Replacement

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 485112/423610 – Commuter Rail System/Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment

Estimated Base Project Cost including Contingency: \$6,000,000.001

Funding Source: PTP

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

Method of Award: Line Item

PROJECT INFORMATION

Scope of Work

Installation of the necessary conduits, inner ducts and fiber optic cables, Fiber panels and related equipment needed to create a Fiber Optic Ring SCADA Network to connect all 52 disconnect switches to the Traction Power Nucleus at the Palmetto Yard Tower. A total of 58 Disconnect Switches are required, 52- for the Palmetto Yard (PYD) and 6- for the Mainline, 2- for the Dadeland South Tail Track, 2- for Government Center Station and 2- for the Gap Tie 3/Palmetto Transition Area. Remove and replace the existing 46- switches and add 6- new switches at the ends of the 3- storage tracks at PYD. Remove/Replace to existing 6- switches located on the Mainline. High Pot Test all Jumper Cables before reconnecting to the new Disconnect Switches, replaced bad cables as needed. Provide and install new

RPQ No.: IRP338-DTPW-23-CT
RPQ Title: Metrorail Third Rail Isolation Disconnect Switch Replacement

Fiber Optic Patch Panels and PLCs as needed to connect the control and indication through SCADA to the Nucleus at Central Control for the new Disconnect Switches at South end of the Government Center Station.

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active: Certificate of Competency from the County's Construction Trades Qualifying Board as an Electrical Contractor. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or

Certification, as an electrical contractor provided by the State of Florida Electrical Contractors' Licensing Board, pursuant to the provisions of Section 489.511 of the Florida Statutes (F.S.).

Experience Requirement:

The Bidder, through full-time personnel employed by the Bidder, must demonstrate their experience as the prime contractor or subcontractor in at least one successfully completed project performed in the Public Right-of-Way whose bulk work is similar in detail to the Project's Scope of Work described in these Solicitation Documents. Demonstrate the experience requirement by:

Providing a detailed description of all projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder is currently engaged or has completed within the past ten years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or similar size private entities. The description should identify for each project (1) The client, (2) Description of work, (3) Total dollar value of the contract, (4) Contract duration, (5) Customer contact person and phone number for reference, (6) Statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) The results of the project; provide letters of certification of final acceptance or similar project closure documentation and/or Contractor's evaluation/performance.

RECOMMENDATION

Areas for Possible Measures: MOT Devices; Concrete; Landscaping; Pavement Markings and Signage

Areas Recommended for SBE-construction Participation: Final Clean Up; Operations and Maintenance Training

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I Level II Level III
- Trade Set-Aside(s):

- Aggregate Set-Aside
- SBE-CONST Goal:
 -
- SBE-GS Goal: 0.0%
- CWP: As Applicable.
- DBE Subcontractor Goal

Reason for Recommendation:

This is a single trade project; and very specialized, none of the primary trade related work can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications. All areas to be subcontracted require special licenses and/or certifications. Also, some categories of work are highly specialized and require special, knowledge/skills.

Based on the review of the scope of work for the subject project and the analysis of factors contained in Section VI D of Implementing Order 3-22, the Department is unable to find goal a recommendation.

Similar Projects previously submitted for Project Review and Analysis Process:

Nonavailable

SBE-CONST Goal / Project No. / Amount achieved: As determined by SBD