

SBD - CM Review Form

To:	Project Review & Analysis	(CONSTRUCTION)			
From:	SBD Construction Project Manager - Andrew Burgess				
Department:	Department of Transportation and Public Works	DTPW	Contact:	Alfredo E. Munoz, P.E. Chief	
Date:	3/31/2023		Resubmittal:		

PROJECT NUMBER:	IRP338-DTPW23-CT
PROJECT TITLE:	Metrorail Third Rail Isolation Disconnect Switch Replacement.
PROJECT LOCATION:	Multiple

SCOPE OF WORK/DESCRIPTION: 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 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.

LICENSES:
 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
 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.

Initial: 

SPECIAL REQUIREMENTS: Bidders shall submit proof that his/her firm has at least the minimum successful contract experience as requested below:
 Per DTPW memo: "This is a single trade project; and very specialized, none of the primary trade related work can be subcontracted as per the MCC specifications. All areas to be subcontracted require special licenses and/or certifications. Also, some categories of work are highly specialized and required special, knowledge / skills."

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
1	Division 01 - General Requirements	\$100,000.00	1.67%	No opportunities for Small Businesses
2	FINAL CLEANUP	\$19,000.00	0.32%	*Possible Small Business Opportunities SBE-Services
	Division 26 - Electrical			*Possible Small Business Opportunities
3	Division 26 - Electrical _ Material Cost	\$3,400,514.00	56.68%	*Possible Small Business Opportunities SBE-Goods
4	Division 26 - Electrical _ Service	\$1,600,500.00	26.68%	*Possible Small Business Opportunities SBE-CON
5	Operations and Maintenance Training	\$33,000.00	0.55%	No opportunities for Small Businesses
BASE SUB-TOTAL		\$5,153,014.00	85.88%	
Contingency Allowance (10% of Base Estimate)		\$515,301.40	8.59%	
Dedicated Spare Parts Allowance		\$331,684.00	5.53%	
TOTAL BASE + CONTINGENCY		\$6,000,000.00	100.00%	

Small Business Development Signature:  Date: 3/31/2023

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM

DTPW is recommending **"NO MEASURE"** SBE GOAL

Initial: 