

# Memorandum



Date: February 26, 2019

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

From: Albert A. Hernandez, P.E., Assistant Director  
Engineering, Planning and Development  
Department of Transportation and Public Works

Subject: Project No: IRP149  
ISD Project No.: RFP-01307  
Project Name: Metromover Comprehensive Wayside System Overhaul  
FCSC: 8.23  
Description: Upcoming Solicitation for a Request for Proposal with DBE Goals

The Department of Transportation and Public Works (DTPW) is forwarding this memorandum to the Miami-Dade County (County) Internal Services Department's (ISD) Division of Small Business Development (SBD) for informational purposes regarding the referenced federal and locally funded project. The DTPW's Office of Civil Rights (OCR) has analyzed the Department's workload based on anticipated projects' scope of work, cost estimate, and technical certifications. As a result, the OCR has assigned a race-conscious Disadvantaged Business Enterprise (DBE) Goal of 18 percent to be applied to the project.

### Scope of Services

DTPW has a need to establish a contract to provide services for the Metromover Comprehensive Wayside System Overhaul project.

The Metromover Comprehensive System Replacement Project, also identified as Metromover Rejuvenation Project, includes the full replacement of the existing train control equipment (on-board, wayside and at central control) with an overlay capable Communications-Based Train Control system that includes a new Master Clock System, a precision clock that distributes timing signals to synchronize slave clocks as part of a clock network. In addition, the Metromover Rejuvenation Project includes replacement and refurbishment of other train control related equipment, Power Distribution System related equipment, the inspection and restoration to service conditions of vehicles #38 and #41, and the installation of physical barriers at the Maintenance and Storage Facility pseudo stations cliff-side.

### Cost Estimate

The total estimated fee for the project is \$116,310,573.00, which includes a 10% Contingency Allowance in accordance with Section 2-8.1 of the Miami Dade County Code (\$10,573,688.00).

The Contractor's (Proposer) team must be certified in the technical categories listed below.

### TYPE CODE DESCRIPTION

Prime 2.01 MASS TRANSIT SYSTEMS - MASS TRANSIT PROGRAM (SYSTEMS) MANAGEMENT

Prime 2.04 MASS TRANSIT SYSTEMS - MASS TRANSIT CONTROLS, COMMUNICATIONS & INFORMATION SYSTEMS

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>
Other	2.03	MASS TRANSIT SYSTEMS - MASS TRANSIT VEHICLE STUDIES & PROPULSION SYSTEMS
Other	2.05	MASS TRANSIT SYSTEMS - GENERAL QUALITY ENGINEERING
Other	2.06	MASS TRANSIT SYSTEMS - MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS
Other	3.03	HIGHWAY SYSTEMS – BRIDGE DESIGN
Other	8.00	TELECOMMUNICATIONS
Other	11.00	GENERAL STRUCTURAL ENGINEERING
Other	12.00	GENERAL MECHANICAL ENGINEERING
Other	13.00	GENERAL ELECTRICAL ENGINEERING
Other	16.00	GENERAL CIVIL ENGINEERING
Other	17.00	ENGINEERING CONSTRUCTION MANAGEMENT
Other	19.02	VALUE ANALYSIS AND LIFE-CYCLE COSTING - MASS TRANSIT SYSTEMS
Other	19.02A	VALUE ANALYSIS AND LIFE-CYCLE COSTING - MASS TRANSIT SYSTEMS-LIFE CYCLE COSTING SERVICES
Other	22.00	ADA TITLE II CONSULTANT

Should you have any questions, or require additional information, please contact Leticia Smith, Chief, Contract Services Division, at (786) 469-5291 or [lcsmith@miamidade.gov](mailto:lcsmith@miamidade.gov).

cc: Fred Simmons Jr., ISD  
Laurie Johnson, SBD/ISD