

Memorandum

MIAMI-DADE
COUNTY

Date: February 25, 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: IRP249
ISD Project No: E18-DTPW-10
Project Name: Construction, Engineering and Inspection Services for the
Metromover Comprehensive Wayside System Overhaul
FCSC: 8:23
Description: Upcoming Solicitation for A&E services with DBE Goals
Contract Number: IRP249-DTPW18-CEI

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. As a result of DTPW's Office of Civil Rights (OCR) analysis of DTPW's workload based on anticipated projects' scope of work, cost estimate and technical certifications, a Race Conscious Disadvantaged Business Enterprise (DBE) Goal of 18.00% has been assigned by OCR for this project.

Scope of Services

The DTPW has a need to establish a non-exclusive Professional Services Agreement (PSA) to provide Construction, Engineering and Inspection (CEI) services for contract administration and inspection in support of the Metromover Comprehensive Wayside System Overhaul project (the "Project"). The Consultant will manage and inspect the work performed by the selected Contractor to ensure compliance with the contract requirements, construction and design standards, plans and specifications. The Consultant will provide support to DTPW to include, but not be limited to: assistance during the design and construction phases of the Project and perform duties such as design-build program logistics, planning, schedule development and monitoring, permitting, design support, plans review and resident engineering, office engineering, on-site inspection services, quality control, testing analyses, contract administration, construction safety and security coordination and compliance, construction survey analysis, manage budget for the project, assist with cash flow reports, monitor the Contractor's progress, construction cost estimates, invoices/requisitions analyses and recommendations, process shop drawings, review, prepare and respond, track and process requests for information, field change requests, analysis of supplemental agreements and change orders with recommendations, rail system testing services, safety certification, rail system start-up services, and contract closeout phases of the Project.

Cost Estimate

The total base estimated fee for professional engineering and architectural services is \$6,709,640.00 and the contingency allowance in accordance with Section 2-8.1 of the County Code is \$670,967.00.00, for a total cost estimate of \$7,380,604.00.

The General Consultant's team must be certified in the technical categories listed below. The Architectural and Engineering Section of ISD reviewed the technical certifications and provided concurrence.

TYPE CODE DESCRIPTION

Prime 17.00 ENGINEERING CONSTRUCTION MANAGEMENT
Other 2.01 MASS TRANSIT SYSTEMS - MASS TRANSIT PROGRAM (SYSTEMS) MANAGEMENT
Other 2.04 MASS TRANSIT SYSTEMS - MASS TRANSIT CONTROLS, COMMUNICATIONS & INFORMATION SYSTEMS
Other 2.05 MASS TRANSIT SYSTEMS – GENERAL QUALITY ENGINEERING
Other 2.06 MASS TRANSIT SYSTEMS – MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS
Other 8.00 TELECOMMUNICATION SYSTEMS
Other 9.01 SOILS, FOUNDATIONS AND MATERIALS TESTING – DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
Other 9.03 SOILS, FOUNDATIONS AND MATERIALS TESTING - CONCRETE AND ASPHALT TESTING SERVICES
Other 9.04 SOILS, FOUNDATIONS AND MATERIALS TESTING – NON-DESTRUCTIVE TESTING AND INSPECTIONS
Other 9.05 SOILS, FOUNDATIONS AND MATERIALS TESTING – ROOF TESTING – ROOF TESTING AND CONSULTING
Other 11.00 GENERAL STRUCTURAL ENGINEERING
Other 12.00 GENERAL MECHANICAL ENGINEERING
Other 13.00 GENERAL ELECTRICAL ENGINEERING
Other 14.00 ARCHITECTURE
Other 15.01 SURVEYING AND MAPPING - LAND SURVEYING
Other 15.03 SURVEYING AND MAPPING – UNDERGROUND UTILITY LOCATION
Other 18.00 ARCHITECTURAL CONSTRUCTION MANAGEMENT
Other 19.02 VALUE ANALYSIS AND LIFE CYCLE COSTING – MASS TRANSIT SYSTEMS
Other 26.00 CLAIMS ANALYSIS SERVICES

Should you have any questions or require additional information, please contact Leticia Smith, Chief, Contract Services Division, at (786) 469-5291.

cc: Pablo Valin, ISD
Cristina Amores, ISD
Laurie Johnson, SBD/ISD

Memorandum



DATE: February 13, 2019
TO: Alice N. Bravo, P.E.
Director
Department of Transportation and Public Works
FROM: Nathaniel Surrancy, Manager- DBE/ ADA
Department of Transportation and Public Works
SUBJECT: DBE Goal Recommendation For:
Request for Proposals for Design-Build Services for Metromover Comprehensive
Wayside System Rejuvenation Project- Contract No: IRP249-DTPW18-CEI

Pursuant to 49 Code of Federal Regulations (CFR) Part 26, the Department of Transportation and Public Works (DTPW) is requesting to advertise for consultant selection for construction, engineering, and inspection services for the Metromover Comprehensive Wayside System Rejuvenation Project pursuant to Section 2-8.1 of the Code of Miami-Dade County (County). The cost is approximately \$8 Million, and will be funded in part with DOT-assistance.

The Metromover Comprehensive Wayside System Rejuvenation Project will include servicing DTPW's 21 mover stations along a 4.4-mile dual guideway with a fleet of 29 vehicles. The Metromover System operates 25 guideway switches on an elevated platform, which includes its maintenance and storage facility (M&SF). The Metromover System utilizes a 3-phase 600 VAC PDS that is distributed to the guideway via 20 traction power stations. The Metromover System is currently configured to operate in the Omni Loop, Inner Loop and Brickell Loop. This segment is funded in part with federal and state funds and is subject to third party contracting requirements.

RECOMMENDATION

After examining the North American Industry Codes (NAICS) for DBE availability, and based on the requirements of this highly specialized technical renovation project for the automated people mover, this office a race-conscious DBE goal of **eighteen percent (18%)** shall be applied.

Proposers shall make full use of available certified DBE firms listed in the Unified Certification Program (UCP) website when assembling their sub-consultant/ contractor teams.

(<https://dotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>).

Should you have any questions, please do not hesitate to contact me at 786-469-5405.

Approval:



Alice N. Bravo, P.E., Director,
Department of Transportation and Public Works

2-13-19
Date

C: Gary Hartfield, Division Director, ISD
Alberto N. Parjus, Deputy Director, DTPW
Kathryn Estevez, Chief DTPW
Leticia Smith, Transit Contracts, DTPW
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