

Memorandum



Date: July 23, 2019

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

From:  Leticia Smith, Chief of Contract Services
Engineering, Planning and Development
Department of Transportation and Public Works

Subject: Project No: CIP155
ISD Project No: E19-DTPW-03
Project Name: Construction Engineering and Inspection Services for South
Corridor (South-Dade Transitway) Rapid Transit Project
FCSC: 8.23
Description: Upcoming Solicitation for A&E services with DBE Goals
Contract Number: CIP155-DTPW19-CEI

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 Transit Administration (FTA), state and local 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 goal of 20 percent has been assigned by OCR for this project.

Scope of Services

DTPW has a need to establish a Professional Services Agreement (PSA) to provide Construction, Engineering and Inspection (CEI) services for contract administration, inspection, and materials sampling and testing in support of Internal Services Department's (ISD) Project No. DB19-DTPW-01: Design-Build Services for the South Corridor (South-Dade Transitway) Rapid Transit Project (the "Project"). Following is a brief description of the Project.

The selected Consultant CEI team (Consultant) will provide support to DTPW including, but not limited to: administration during the design and construction phases of the Design-Build Contract, performance of duties such as design-build program logistics; planning; schedule reviews and monitoring; monitoring of permits; 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 checks and analysis; manage budget for the project; assist with cash flow reports; monitor the Design-Builder's progress; monitor and review construction cost estimates, invoices/requisitions analyses and recommendations; process shop drawings; review, prepare and respond, track and process requests for information and field change requests; analysis, negotiation with recommendations for approval/rejection of supplemental agreements and change orders; safety certification; and perform contract closeout phases of the Project. The Consultant will be responsible to coordinate, comply and perform all necessary reporting with FTA and FDOT, and meet all applicable grants requirements and any other miscellaneous tasks as required.

Cost Estimate

The PSA will have an effective term of two and one-half years, with one, one-year Option to Extend period. The maximum total compensation is set at \$17,985,000 (which is inclusive of a 10% contingency allowance).

The Consultant must be certified in the technical categories listed below. The A/E Section of ISD has reviewed the technical certifications and provided concurrence.

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>
PRIME	17.00	ENGINEERING CONSTRUCTION MANAGEMENT
PRIME	18.00	ARCHITECTURAL 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	3.01	HIGHWAY SYSTEMS – SITE DEVELOPMENT AND PARKING LOT DESIGN
OTHER	3.02B	HIGHWAY SYSTEMS – MINOR HIGHWAY DESIGN
OTHER	3.03	HIGHWAY SYSTEMS – BRIDGE DESIGN
OTHER	3.04	HIGHWAY SYSTEMS – TRAFFIC ENGINEERING STUDIES
OTHER	3.07	HIGHWAY SYSTEMS – TRAFFIC SIGNAL TIMING
OTHER	3.08	HIGHWAY SYSTEMS – INTELLIGENT TRANSPORTATION SYSTEM ANALYSIS, DESIGN, AND IMPLEMENTATION
OTHER	3.09	HIGHWAY SYSTEMS – SIGNING, PAVEMENT MARKING, AND CHANNELIZATION
OTHER	3.10	HIGHWAY SYSTEMS – LIGHTING
OTHER	3.11	HIGHWAY SYSTEMS - SIGNALIZATION
OTHER	8.00	TELECOMMUNICATION SYSTEMS
OTHER	9.01	SOILS, FOUNDATIONS AND MATERIALS TESTING – DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES
OTHER	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING – GEOTECHNICAL AND MATERIALS ENGINEERING 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 TEST – ROOF TESTING AND CONSULTING
OTHER	10.01	ENVIRONMENTAL ENGINEERING – STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES
OTHER	10.05	ENVIRONMENTAL ENGINEERING – CONTAMINATION ASSESSMENT AND MONITORING

TYPE CODE DESCRIPTION

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 16.00 GENERAL CIVIL ENGINEERING
OTHER 19.02 VALUE ANALYSIS AND LIFE CYCLE COSTING - MASS
TRANSIT SYSTEMS
OTHER 19.03 VALUE ANALYSIS AND LIFE CYCLE COSTING –
HIGHWAY SYSTEMS
OTHER 26.00 CLAIMS ANALYSIS SERVICES

FDOT PRE-QUALIFICATIONS

TYPE CODE DESCRIPTION

OTHER 3.1 MINOR HIGHWAY DESIGN
OTHER 3.2 MAJOR HIGHWAY DESIGN
OTHER 4.1.1 MISCELLANEOUS STRUCTURES
OTHER 4.1.2 MINOR BRIDGE DESIGN
OTHER 6.1 TRAFFIC ENGINEERING STUDIES
OTHER 6.2 TRAFFIC SIGNAL TIMING
OTHER 6.3.1 INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS
AND DESIGN
OTHER 6.3.2 INTELLIGENT TRANSPORTATION SYSTEMS
IMPLEMENTATION (ITS CEI)
OTHER 6.3.3 INTELLIGENT TRANSPORTATION TRAFFIC
ENGINEERING SYSTEMS COMMUNICATIONS
OTHER 6.3.4 INTELLIGENT TRANSPORTATION SYSTEMS SOFTWARE
DEVELOPMENT
OTHER 7.1 SIGNING, PAVEMENT MARKING, AND CHANNELIZATION
OTHER 7.2 LIGHTING
OTHER 7.3 SIGNALIZATION
OTHER 8.1 CONTROL SURVEYING

FDOT PRE-QUALIFICATIONS

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>
OTHER	8.2	DESIGN, RIGHT OF WAY, AND CONSTRUCTION SURVEYING
OTHER	8.3	PHOTOGRAMMETRIC MAPPING
OTHER	8.4	RIGHT OF WAY MAPPING
OTHER	9.1	SOIL EXPLORATION
OTHER	9.2	GEOTECHNICAL CLASSIFICATION LAB TESTING
OTHER	9.3	HIGHWAY MATERIALS TESTING
OTHER	9.4.1	STANDARD FOUNDATION STUDIES
OTHER	9.5	GEOTECHNICAL SPECIALTY LAB TESTING
OTHER	14.0	ARCHITECT
OTHER	15.0	LANDSCAPE ARCHITECT

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

cc: Laurie Johnson, SBD/ISD
Eddy Etienne, SBD/ISD