


Memorandum



Date: December 28, 2018

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: CIP193
ISD Project No: E18-DTPW-05
Project Name: Construction Engineering and Inspection Services for Department of Transportation and Public Works' Infrastructure Renewal Projects
FCSC: 8:23
Description: Upcoming Solicitation for A&E services with DBE Goals
Contract Number: CIP193-DTPW18-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-neutral application has been assigned by OCR for this project (see attached). Bidders can make full use of the Race-neutral application for certified Disadvantaged Business Enterprise (DBE) firms listed in the Unified Certification Program, who by their certifications are ready, willing and able to provide the services delineated in the scope of work (no numerical DBE goal assigned).

Scope of Services

DTPW is seeking two (2) consultant firms to provide Construction, Engineering and Inspection (CEI) services for contract administration and inspection in support of the DTPW's Infrastructure Renewal Projects.

The selected CEI Consultant's Team 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 CEI Consultant's Team will support DTPW to cover the inspection of all fixed facilities and systems elements, including, but not limited to, assistance during the design and construction phases of the projects and perform duties such as design support, plans review and resident engineering, office engineering, on-site inspection services, quality control, testing analyses, contract administration, construction safety and security, construction survey analyses, manage budget for each project separately, assist with cash flow reports, monitor contractor progress, construction cost estimates, invoices/requisitions analyses and recommendations, processing shop drawings, Requests for Information, rail system testing services, safety certification, rail system start-up services, and contract closeout phases of the Project. Services shall be in compliance with all applicable federal requirements under the Federal Transit Administration (FTA) Circular 4220.1F, FTA's Best Practices Procurement Manual, Florida Statutes 287.055, the American Rail Engineering & Maintenance Association standards and guidelines, and all applicable DTPW standards.

Funding for these services will be provide by the FTA and other state and local sources, on a project-by-project basis, in accordance with negotiated fees and tasks described in each individual service work order.

Cost Estimate

These Professional Services Agreements (PSA) will have an effective term of five years. No minimum amount of work or compensation will be guaranteed to the selected consultants. The maximum total compensation is set at \$11,000,000 (\$5,500,000 for each PSA), which consists of a total base estimated fee for professional architectural and engineering (A/E) services of \$5,000,000 and a 10% contingency allowance in accordance with Section 8.1 of the County Code of \$500,000.

The consultant teams must be certified in the technical categories listed below. The A/E Section of ISD has 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 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	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

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

Attachment

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

Memorandum



DATE: December 5, 2018

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

FROM: Nathaniel Surrancy
Manager, Disadvantaged Business Enterprise (DBE)
Department of Transportation and Public Works

SUBJECT: DBE Goal Recommendation For: Construction Engineering and Inspection (CEI) Services for Contract No. CIP193-DTPW17-CEI; ISD Project No. E17-DTPW-03

Pursuant to 49 Code of Federal Regulations (CFR) Part 26 and Section 2.8.1 of the Code of Miami-Dade County, the Department of Transportation and Public Works (DTPW) is preparing to advertise two (2) non-exclusive Professional Services Agreements (PSA) to provide Construction, Engineering, and Inspection (CE&I) services in support of DTPW's Infrastructure Renewal Projects (IRP). The PSAs will have an effective term of five years and a maximum compensation of \$5,000,000 each (with contingency). However, no minimum amount of work or compensation is guaranteed.

The selected CEI Consultant's Team will manage and inspect the work performed by the selected Contractors to ensure compliance with the contract requirements, construction and design standards, plans and specifications. The CEI Consultant's Team, which should include the participation of certified Disadvantaged Business Enterprises (DBE), will support DTPW in the inspection of all fixed facilities and systems elements, including, but not limited to: assistance during the design and construction phases of the projects, and perform duties such as design support, plans review and resident engineering, office engineering, on-site inspection services, quality control, testing analyses, contract administration, construction safety and security, construction survey analyses, manage budget for each project separately, assist with cash flow reports, monitor contractor progress, construction cost estimates, invoices/ requisitions analyses and recommendations, processing shop drawings, Requests for Information, rail system testing services, safety certification, rail system start-up services, and contract closeout phases of the Project. The CEI Consultant's Team must possess and be able to demonstrate, prior experience managing complex transit rail construction projects.

RECOMMENDATION

In the absence of federal funding, a DBE goal will not be assigned to the PSA. However, should any of the work orders generated under this PSA received federal-funding, the DBE office will assess each work order for DBE opportunities.

DBE encourages bidders, through race-neutral means, to make full use of the certified DBE firms listed in the Unified Certification Program (UCP), who by their certification(s) are ready, willing and able to provide the services delineated in the scope of work when submitting their bids.

DBE firmly believes that this is the most feasible, and fiscally responsible manner to comply with and administer the application of the federal guidelines according to 49 CFR Part 26.

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

12-13-18
Date

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