


Memorandum



Date: October 16, 2019

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

From: Elia Nunez, P.E., Assistant Director 
Engineering, Planning and Development
Department of Transportation and Public Works

Subject: Project No: CIP135
ISD Project No: E19-DTPW-08
Project Name: Professional Services for Bridge Inspection and Structural Analysis
FCSC: 8.23
Description: Upcoming Solicitation for A&E services with no DBE Goals
Contract Number: CIP135-DTPW19-PSA

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 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 0% Disadvantaged Business Enterprise (DBE) Goal will not be assigned by OCR for this project.

In accordance with 49 Code of Federal Regulations (CFR), Part 26, the DBE Office encourages bidders, through race-neutral means, to make full use of the certified DBE firms listed in the Florida Unified Certification Program (*UCP-link shown below*), who by reason of their certification(s) are ready, willing and able to provide the services delineated in the scope of work when submitting their bids.

Florida's UCP: <https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/>

Scope of Services

DTPW has a need to establish a Professional Services Agreement (PSA) to provide for bridge inspection of elevated guideways and pedestrian bridges in compliance with federal, state and local requirements, underwater bridge inspections as well as load ratings of all DTPW guideways, emergency and non-emergency structural analysis and design of repairs and retrofits, use of inspection drones and other applicable equipment and techniques such as infrared photometrics, 3-D Orthomosaic renderings and use of Artificial Intelligence (AI).

At the request of DTPW, the Consultant shall be on-call 24 hours a day, seven days a week, 365 days a year and respond to the site within two hours to emergencies and/or unforeseen events, including, but not limited to: emergencies and impact accidents. The Consultant shall also be available to work after hurricanes and other weather related events that would necessitate the urgent performance of inspections and the production of infrastructure and structural damage assessment reports, including the development of emergency signed and sealed repair plans, specifications, cost estimates, Maintenance Of Traffic (MOT) plans, regulatory agency notification and coordination with contractors for repair permits, as and when applicable. All work shall be conducted to meet or exceed National Bridge Inventory Standards, Florida Department Of Transportation and Federal Highway Administration applicable standards and comply with DTPW's Safety and Security requirements and DTPW's Design Guidelines.

Cost Estimate

The total base estimated fee for professional services is \$1,000,000.00 and the contingency allowance in accordance with Section 2-8.1 of the County Code is \$100,000.00, for a total cost estimate of \$1,100,000.00.

The Prime 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 3.03 HIGHWAY SYSTEMS - BRIDGE DESIGN
Other 3.12 HIGHWAY SYSTEMS - UNDERWATER ENGINEERING INSPECTION
Other 17.00 ENGINEERING CONSTRUCTION MANAGEMENT

FDOT PRE-QUALIFICATIONS

TYPE CODE DESCRIPTION

Other 5.1 BRIDGE INSPECTION – CONVENTIONAL BRIDGE INSPECTION
Other 5.3 BRIDGE INSPECTION – COMPLEX BRIDGE INSPECTION
Other 5.4 BRIDGE INSPECTION – BRIDGE LOAD RATING
Other 10.4 CEI – MINOR BRIDGE AND MISCELLANEOUS STRUCTURES CEI

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