

Memorandum



Date: June 5, 2020

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: CIP240
ISD Project No: E20-DTPW-02
Project Name: Professional Services for Bridge Structural Engineering Projects
FCSC: 8.23
Description: Upcoming Solicitation for Professional Services with no
Disadvantage Business Enterprise Goals
Contract Number: CIP240-DTPW20-DE (1, 2 and 3)

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 local, state and federally funded project. As a result of DTPW's Office of Civil Rights (OCR) analysis of the workload based on the anticipated projects' scope of work, cost estimate and technical certifications, a Disadvantaged Business Enterprise (DBE) Goal will not be assigned by OCR for this project. However, work orders generated under these PSA with federal and/or state funding, will be assessed individually by the DBE office for potential DBE opportunities.

Below please find additional project details.

Scope of Services

DTPW has a need to retain three consultants under separate, but identical, non-exclusive Professional Services Agreements (PSA) in compliance with Florida Statute 287.055. Each PSA will have an effective term of five years and a maximum compensation of \$3,000,000.00 (exclusive of the contingency allowance). However, no minimum amount of work or compensation will be guaranteed. Funding for these services will be provided by the Federal Transit Administration (FTA), Florida Department of Transportation (FDOT), the Federal Highway Administration (FHWA), Road Impact Fees (RIF), Peoples Transportation Plan (PTP) or other federal, state and local sources, on a project-by-project basis, and in accordance with negotiated fees and tasks described in each individual service work order.

Professional and technical services for DTPW will include, but not necessarily be limited to the following: minor bridge design; major and complex bridge design; concrete major and complex bridge design; steel, load rating analysis/reviews; movable bridge design; development of design criteria; structural coatings evaluation and inspection; overweight vehicle permit reviews, highway bridge plans review; engineering inspections; drainage design; roadway design; lighting design; surveying; Right of Way mapping; utility coordination; geotechnical engineering and soil exploration; environmental permitting and coordination; local regulatory agency permitting and coordination; Geographic Information System services; erosion control; construction management for post design services; cost estimating; scheduling; public outreach and other professional services required for DTPW funded projects. Work Orders which solely utilize local funds will be forwarded to the Division of Small Business Development for review for processing through the Equitable Distribution Program (when applicable) or determination for small business measures.

Cost Estimate

The total base estimated fee for professional services is \$9,000,000.00 (\$3,000,000.00 for each PSA) and the contingency allowance in accordance with Section 2-8.1 of the County Code is \$900,000.00 (\$300,000.00 for each PSA), for a total cost estimate of \$9,900,000.00 (\$3,300,000.00 for each PSA).

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.

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>
Prime	3.03	HIGHWAY SYSTEMS - BRIDGE DESIGN
Other	3.02B	HIGHWAY SYSTEMS - MINOR HIGHWAY DESIGN
Other	3.09	HIGHWAY SYSTEMS - SIGNING, PAVEMENT MARKING, AND CHANNELIZATION
Other	3.10	HIGHWAY SYSTEMS - LIGHTING
Other	3.11	HIGHWAY SYSTEMS - SIGNALIZATION
Other	3.12	HIGHWAY SYSTEMS - UNDERWATER ENGINEERING INSPECTION
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	9.06	SOILS, FOUNDATIONS AND MATERIALS TESTING - ASBESTOS
Other	10.01	ENVIRONMENTAL ENGINEERING - STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES
Other	11.00	GENERAL STRUCTURAL ENGINEERING
Other	13.00	GENERAL ELECTRICAL ENGINEERING
Other	15.01	SURVEYING AND MAPPING - LAND SURVEYING
Other	15.02	SURVEYING AND MAPPING – AERIAL PHOTOGRAMMETRY
Other	15.03	SURVEYING AND MAPPING – UNDERGROUND UTILITY LOCATION
Other	16.00	GENERAL CIVIL ENGINEERING
Other	17.00	ENGINEERING CONSTRUCTION MANAGEMENT

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

DEPARTMENTAL INPUT
**CONTRACT/PROJECT MEASURE ANALYSIS AND
 RECOMMENDATION**

Contract/Project Title Professional Services for Bridge Structural Engineering Projects
 Contract/Project No. CIP240-DTPW20-DE / E20-DTPW-02
 Description See attached Scope of Services
 Department Transportation and Public Works Contact Leticia Smith Phone (786) 469-5291
 Estimated Cost \$9,900,000.00 (\$3,300,000.00 for each PSA) Funding Source Local, state, and federally funded

ANALYSIS

Commodity/Service No. _____ SIC _____

Trade/Commodity/Service Opportunities

Contract/Project History of Previous Purchases for Previous Three (3) years
 Check Here if this is a New Contract/Purchase with Previous History

	<u>Existing</u>	<u>2nd Year</u>	<u>1st Year</u>
Contractor	_____	_____	_____
Ethnicity/Race	_____	_____	_____
Gender	_____	_____	_____
Contract Value	_____	_____	_____
Comments	_____		

RECOMMENDATIONS

<u>SBE-A/E GOAL</u>	<u>BID PREFERENCE</u>	<u>NO MEASURE</u>	
_____	_____	X	_____
<u>Analysis for Goal Recommendation</u>			
<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
<u>3.03 Highway Systems – Bridge Design (Prime)</u>	<u>\$ 3,960,000.00</u>	<u>40%</u>	_____
<u>3.02B Highway Systems – Minor Highway Design</u>	<u>\$ 2,475,000.00</u>	<u>25%</u>	_____
<u>3.09 Highway Systems – Signing, Pavement Marking, and Channelization</u>	<u>\$ 198,000.00</u>	<u>2%</u>	_____
<u>3.10 Highway Systems – Lighting</u>	<u>\$ 198,000.00</u>	<u>2%</u>	_____
<u>3.11 Highway Systems – Signalization</u>	<u>\$ 198,000.00</u>	<u>2%</u>	_____
<u>3.12 Highway Systems – Underwater Engineering Inspection</u>	<u>\$ 99,000.00</u>	<u>1%</u>	_____
<u>9.02 Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services</u>	<u>\$ 297,000.00</u>	<u>3%</u>	_____
<u>9.03 Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services</u>	<u>\$ 99,000.00</u>	<u>1%</u>	_____

RECOMMENDATIONS

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
9.06 Soils, Foundations and Materials <u>Testing - Asbestos</u>	<u>\$ 99,000.00</u>	<u>1%</u>	<u> </u>
10.01 Environmental Engineering – Stormwater Drainage Design Engineering <u>Services</u>	<u>\$ 198,000.00</u>	<u>2%</u>	<u> </u>
<u>11.00 General Structural Engineering</u>	<u>\$ 990,000.00</u>	<u>10%</u>	<u> </u>
<u>13.00 General Electrical Engineering</u>	<u>\$ 99,000.00</u>	<u>1%</u>	<u> </u>
15.01 Surveying and Mapping – Land <u>Surveying</u>	<u>\$ 198,000.00</u>	<u>2%</u>	<u> </u>
15.02 Surveying and Mapping – Aerial <u>Photogrammetry</u>	<u>\$ 99,000.00</u>	<u>1%</u>	<u> </u>
15.03 Surveying and Mapping – Underground <u>Utility Location</u>	<u>\$ 99,000.00</u>	<u>1%</u>	<u> </u>
<u>16.00 General Civil Engineering</u>	<u>\$ 495,000.00</u>	<u>5%</u>	<u> </u>
<u>17.00 Engineering Construction Management</u>	<u>\$ 99,000.00</u>	<u>1%</u>	<u> </u>
Total	<u>\$ 9,900,000.00</u>	<u>100%</u>	<u> </u>

Basis for Recommendation _____

Leticia Smith

By: Leticia Smith, Chief of Contract Services
Department of Transportation and Public Works

June 5, 2020

Date to SBA/DPM