


Memorandum



Date: August 6, 2020

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

From: Leandro J. Oña, P.E., Chief 
Highway Division
Department of Transportation and Public Works

Subject: Recommendation for Non-exclusive Professional Services Agreement for Planning, Design, Engineering, and Management Services for DTPW Highway Division Projects (Project No: E20-DTPW-05; Contract No: 20200202)

Your assistance in reviewing this request and forwarding the attached recommendation to the Division of Small Business Development (SBD) for consideration is respectfully requested. It is recommended that SBD review the attached request for Small Business Enterprise – Architectural/Engineering (SBE) measures for this project, in order to proceed with the advertisement and subsequent bidding of the project.

Professional Services Agreement (PSA) Planning, Design, Engineering, and Management Services for DTPW Highway Division Projects: The Department of Transportation and Public Works (DTPW) requires professional services from general consulting design firms for a wide range of planning, design, and management services as needed to assist in executing and expediting projects in the DTPW Capital Improvement Plan. The qualified professional firm will be responsible for all specific phases of a project through implementation to achieve quality construction documents, cost, and schedule goals.

DTPW intends to retain one (1) consultant under a non-exclusive Professional Service Agreements (PSA) for five (5) years with a maximum compensation set at \$5,000,000.00 (inclusive of the contingency allowance). No minimum amount of work or compensation will be guaranteed to the selected consultant. The Consultant will primarily support the Highway Division of DTPW with the following activities: Planning, Design & Engineering, Public Involvement, Right-of-Way & Utilities Coordination, Construction, Project Control, Estimating Services, Plans Review and Quality Assurance.

DTPW may request Consultant services on an as-needed basis through the issuance of Work Orders for the required work to be performed and the estimated fees to be paid for the services authorized pursuant to the Scope of Services. Services to be provided by the Consultant will be initiated and completed as directed by DTPW's Project Manager for each assignment authorized under this agreement. There is no guarantee that any or all of the services described in this agreement will be assigned during the term of the agreement. No minimum amount of work or compensation will be guaranteed to the selected Consultant. Further, the Consultant is providing these services on a nonexclusive basis. DTPW, at its sole discretion, may elect to have any of the services set forth herein performed by other Consultant or DTPW staff.

Funding for these services will be provided by the Federal Highway Administration and other state or local sources, on a project-by-project basis, and in accordance with the negotiated fees and tasks described in each individual Work Order.

The Consultant firm selected to perform services under Contract No: 20200202 will not be eligible for award of the construction phase of the services under this contract

A/E Technical Certification Categories required:

<u>Technical Certification</u>		<u>Est. Cost</u>	<u>% of Item to Base Bid</u>
3.02	MAJOR HIGHWAY DESIGN (PRIME)	\$ 2,400,000.00	48.0%
3.04	TRAFFIC ENGINEERING STUDIES (PRIME)	\$ 500,000.00	10.0%
10.01	STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES (PRIME)	\$ 900,000.00	18.0%
1.01	URBAN AREA AND REGIONAL TRANSPORTATION PLANNING	\$ 25,000.00	0.5%
3.03	BRIDGE DESIGN	\$ 50,000.00	1.0%
3.05	TRAFFIC COUNTS	\$ 25,000.00	0.5%
3.06	TRAFFIC CALMING	\$ 25,000.00	0.5%
3.07	TRAFFIC SIGNAL TIMING	\$ 25,000.00	0.5%
3.08	INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS, DESIGN, AND IMPLEMENTATION	\$ 25,000.00	0.5%
3.09	SIGNING, PAVEMENT MARKING, AND CHANNELIZATION	\$ 100,000.00	2.0%
3.10	LIGHTING	\$ 100,000.00	2.0%
3.11	SIGNALIZATION	\$ 100,000.00	2.0%
3.12	UNDERWATER ENGINEERING INSPECTION	\$ 25,000.00	0.5%
6.01	WATER AND SANITARY SEWER SYSTEMS - Water Distribution and Sanitary Sewage Collection and Transmission Systems	\$ 25,000.00	0.5%
6.02	WATER AND SANITARY SEWER SYSTEMS - Water and Sanitary Sewage Pumping Facilities	\$ 25,000.00	0.5%
8.00	TELECOMMUNICATION SYSTEMS	\$ 25,000.00	0.5%
9.01	DRILLING, SUBSURFACE INVESTIGATIONS AND SEISMOGRAPHIC SERVICES	\$ 25,000.00	0.5%
9.02	GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	\$ 50,000.00	1.0%
9.03	CONCRETE AND ASPHALT TESTING SERVICES	\$ 25,000.00	0.5%
9.04	NON-DESTRUCTIVE TESTING AND INSPECTIONS	\$ 25,000.00	0.5%
10.05	CONTAMINATION ASSESMENT AND MONITORING	\$ 25,000.00	0.5%
10.06	REMEDIAL ACTION PLAN DESIGN	\$ 25,000.00	0.5%

10.07	REMEDIAL ACTION PLAN IMPLEMENTATION/ OPERATION/ MAINTENANCE	\$ 25,000.00	0.5%
11.00	GENERAL STRUCTURAL ENGINEERING	\$ 25,000.00	0.5%
12.00	GENERAL MECHANICAL ENGINEERING	\$ 25,000.00	0.5%
13.00	GENERAL ELECTRICAL ENGINEERING	\$ 25,000.00	0.5%
14.00	ARCHITECTURE	\$ 25,000.00	0.5%
15.01	LAND SURVEYING	\$ 25,000.00	0.5%
15.03	UNDERGROUND UTILITY LOCATION	\$ 25,000.00	0.5%
16.00	GENERAL CIVIL ENGINEERING	\$ 100,000.00	2.0%
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	\$ 25,000.00	0.5%
19.01	VALUE ANALYSIS AND LIFE-CYCLE COSTING - Transportation Planning	\$ 25,000.00	0.5%
19.02	VALUE ANALYSIS AND LIFE-CYCLE COSTING - Mass Transit Systems	\$ 25,000.00	0.5%
19.03	VALUE ANALYSIS AND LIFE-CYCLE COSTING - Highway Systems	\$ 25,000.00	0.5%
20.00	LANDSCAPE ARCHITECTURE	\$ 25,000.00	0.5%
22.00	ADA TITLE II CONSULTANT	\$ 25,000.00	0.5%
26.00	CLAIMS ANALYSIS SERVICES	\$ 25,000.00	0.5%
Total		\$ 5,000,000.00	100.0%

The prime consultant must hold Technical Certifications 3.02 – Major Highway Design, 3.04 – Traffic Engineering Studies, and 16.00 – General Civil Engineering. Interested Professional Firms (Consultants) shall be certified by the County at the time of qualifications submittal in the Technical Certification Categories identified above.

The prime consultant should demonstrate experience with at least two previously designed projects with similar scope and value. Additionally, the prime consultant should have experience with Right-of-Way acquisition. The sub consultants should demonstrate experience with at least two previously designed projects of similar scope and value in their respective categories.

The SBE-A/E Goal recommendation is 24.00%. The Agreement will be in the approximate amount of \$5,000,000.00, which includes contingency, and shall remain in full force and effect for five years after its date of execution, or until depletion of the funds allocated to pay for the cost of the services described in the Agreement, whichever comes first.

Should you have any questions, please feel free to contact Mr. Leandro J. Oña, P.E., Chief, Roadway Engineering & Right-Of-Way Division at (305) 375-1909.

Attachment

cc: Miguel Soria, P.E. Assistant Director, Highway Engineering, DTPW
Barbara S. Mesa Valdes, Project Manager, Roadway Engineering & Right-of-Way Division