


Date: October 21, 2019

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

From: 
Alfredo E. Munoz, P.E.
Chief, Capital Improvements Division
Transportation and Public Works Department

Subject: Notice of Construction Project:
Project No. 20190519
Joint Participation Agreement (JPA) between Miami-Dade County and the Town of Cutler Bay for Franjo Road from Old Cutler Road to SW 184 Street
CONSTRUCTION

RECOMMENDATION

Department of Transportation and Public Works (DTPW) Capital Improvements staff completed the review of the subject Construction Services in accordance with the applicable provisions of Implementing Order 3-22. Please review and approve the resulting Small Business Enterprise (SBE) consultant/contractor goal for design and construction services for the above-referenced project. Attached is the Project Measure Analysis and Recommendation along with other supporting documentation.

Scope of Work: The project consist of widening Franjo Road from Old Cutler Road to SW 184 Street from two (2) to three (3) lanes. The project includes a center turn lane, curb and gutters, shared use path, storm drainage system, pavement markings and signage, signalization, and roadway lighting.

Engineer Project Base Cost Estimate (including Contingency): Design: \$541,786; Construction: \$8,347,372

SBE A/E Measure:	Geotechnical and Materials	3.50%
	Engineering Services	
	Land Surveying	16.45%
	Landscape Architecture	14.21%
	Total	34.16%

SBE Construction Measure:	Concrete	12.0%
	Landscaping	7.2%
	Pavement Marking & Signage	1.1%
	Total	20.3%

CWP Goal: As applicable

BACKGROUND

The Town of Cutler Bay has been working to provide its major corridors with multimodal capacity improvement to enhance the movement of people within and through the community. Recently in the Town's Complete Streets Corridor Study, four corridors were studied. Franjo Road, one of the corridors, is now moving toward implementation, and at the Town of Cutler Bay is seeking a Joint Participation Agreement with Miami-Dade County to assist with the implementation of the project.

The Town shall procure the services of a licensed contractor holding an engineering contractor's license to construct the Project; as well as, a licensed Professional Engineer for design services. The Town shall also comply with all applicable County contract compliance and oversight measures relating to the expenditure of County funds.

Prior to the advertisement to solicit a licensed contractor, the City will contact the Department of Transportation and Public Work's (DTPW) Capital Improvements Section to confirm compliance.

If any additional information is required you may contact me at (305) 375-2097, or Roxana Bayarre at (305) 375-3267.

AM/rb


Attachments (3)

C: Roxana Bayarre, P.E., DTPW
Javier Heredia, P.E., DTPW
Licet Izquierdo, DTPW
Alice Hidalgo-Gato, ISD

Rolando Jimenez, P.E., DTPW
Rene Idarraga, P.E., DTPW
Laurie Johnson, ISD
File

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

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

From:  Alfredo E. Munoz, P.E.
Chief, Capital Improvements Division
Department of Transportation and Public Works

Date: Monday, October 21, 2019

CONTRACT INFORMATION

PWWM Project No.: 20190519

Project Title: Franjo Road Improvements from SW 184 Street to Old Cutler Road

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 1610 / 237310 - Construction – Highway, Street & Bridge Construction

Estimated Project Total Cost (including Contingency): \$ 8,347,372.32 - Construction
\$ 541,786.30 - Design

Funding Source: Road Impact Fees (RIF)

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

PROJECT INFORMATION

Scope of Work

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Project No.: 20190519
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Design:

There are no special and/or minimum requirements the Lead Designer and/or sub-consultants should possess. Technical Certification category 3.02, 3.09, and 10.01 are the only Technical Categories that the Lead Designer must hold.

A/E Consultant Selection: Technical Certification Categories:

Franjo Road from SW 184 St to Old Cutler Road				
Prime	3.02	Major Highway Design (Lead A/E)	38.20%	\$188,127.15
Prime	3.09	Signing, Pavement Marking, and Channelization (Lead A/E)	6.26%	\$30,849.39
Prime	3.10	Lighting	7.21%	\$35,503.86
Prime	3.11	Signalization	5.32%	\$26,194.92
Prime	10.01	Stormwater Drainage Design Engineering Services	5.27%	\$25,978.43
Sub	9.02	Geotechnical and Materials Engineering Services	3.50%	\$17,245.00
Sub	15.01	Land Surveying	16.45%	\$81,027.00
Sub	20.00	Landscape Architecture	14.21%	\$70,000.00
	N/A	Public Involvement	3.11%	\$15,332.69
	N/A	Expenses	0.46%	\$2,275.00
			100.00%	\$ 492,533.44

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida (the County), Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Scope of Work, in engineering crafts to include paving engineering work. The specialty contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering specialty for which certified.

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Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the contract documents. Contractors seeking consideration under this paragraph shall submit along with the bid documents for review and consideration, current copy(ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and status of Contracts on Hand. Acceptable FDOT qualification(s) necessary to perform the work specified in the project's scope of work shall include Flexible Paving, Drainage Work Classes and Traffic Signal.

In addition to the license(s) required of Contractor, all personnel engaged in installing, modifying, repairing, removing or maintaining: roadway street lighting systems; traffic signalization; or any other electrical/electronic traffic control device in Miami-Dade County must:

Perform work under the direction of a Master Electrician that is present at the job site or able to respond within 2 hours of notification (4 hours for roadway street lighting systems).

Perform all work under the direct supervision of a Journeyman Electrician. For Traffic Signalization or Control Devices the Journeyman Electrician must be certified as an International Municipal Signal Association (IMSA) certified Traffic Signal Technician (TST) Level II or Level III. All work related at or pertaining to the controller must be performed by an IMSA certified TST Level II (Field).

Have in their possession a wallet size card or a photocopy of their certifications and licenses. Failure to provide said documents will be cause for removal of employee from the work site, issuance of citations, and shutdown of the Work by the County.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by DTPW for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Designer and/or Contractor.

RECOMMENDATION

DTPWM Areas recommended for SBE Subcontractor Goal:

SBE A/E Measure:	Geotechnical and Materials Engineering Services Land Surveying Landscape Architecture
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SBE Construction Measure:	Concrete Landscaping Pavement Marking & Signage
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**MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I
 - Level II
 - Level III

- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE Subcontractor Goal:

A/E Measure:	Geotechnical and Materials Engineering Services	3.50%
	Land Surveying	16.45%
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	Total	20.3%

- CWP: As Applicable
- DBE Subcontractor Goal: Not Applicable

Reason for Recommendation: The recommendations are based on the information provided in the attached cost estimate which is provided in accordance with the Miami-Dade County Code.

SBE Prime History of similar Contracts/Projects for previous Three (3) years: None

Scope of Work History Summary – Subcontracting Opportunities: None

Similar Projects previously submitted for SBD Action: None

SBE Goal / Project No. / Amount achieved: None

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