


Date: May 10, 2021

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

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

Subject: Notice of Design/Build Services:
DTPW Project No. 20210035
Roadway Improvements to NW 84th Avenue between NW 58th Street and NW 74th Street
ISD Project No. DB21-DTPW-04

RECOMMENDATION

Department of Transportation and Public Works (DTPW) Capital Improvements staff completed the review of Design/Build Services project 20210035 in accordance with the applicable provisions of Implementing Order 3-22 and requested the review and approval from Small Business Division (SBD). Attached is the Project Measure Analysis and Recommendation along with other supporting documentation.

Scope of Work:

The work includes but is not limited to the following: Furnishing all professional services, supervision, labor, materials, equipment, tools and performing all operations required to construct the work in accordance with the Contract Documents.

The work includes all design and construction services necessary to construct improvements along NW 84th Avenue between NW 58th Street and NW 74th Street (approximately one mile). Elements of design shall include, but are not limited to, roadway reconstruction, milling and resurfacing, driveway harmonization, a proposed stormwater system consisting of continuous interconnected exfiltration trench, 6-foot-wide continuous sidewalks, curb and gutter, pavement markings, signage, signalization (Pedestrian/Traffic), utility relocations and tree removal/relocation within the 70' Right-of-Way. The typical section consists of four 11-foot travel lanes, a 10-foot-wide center two-way left turn lane, sidewalk in both directions and curb and gutter throughout. Work also includes but is not limited to providing all geotechnical, survey, and design services necessary to produce the required construction documents, engineering plans, traffic control and maintenance of traffic plans to detour traffic; project permitting; public involvement plan; and all project coordination.

Engineer Project Total Cost Estimate
(Including Contingency): \$5,509,396.92

SBE A/E Measure: 18.00%

SBE G/S Measure: Not Applicable

SBE Construction Measure: 20.9%

CWP Goal: As Applicable by SBD

If any additional information is required you may contact me at (305) 375-2097, or Katherine Fernandez at (305) 375-2726

AM/kf


Attachments (2)

C: Roxana Bayarre, P.E., DTPW
Alfredo E. Munoz, P.E., DTPW
Laurie Johnson, ISD
Katherine Fernandez, DTPW

Alejandro Sauleda, DTPW
Miguel Soria, P.E., DTPW
Alice Hidalgo-Gato, 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 Section
Department of Transportation and Public Works

Date: Monday, May 10, 2021

CONTRACT INFORMATION

DTPW Project No.: 20210035

ISD Project No.: DB21-DTPW-04

Project Title: Roadway Improvements to NW 84th Avenue between NW 58th Street and NW 74th Street

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): \$ 5,034,859.28 - Construction
\$ 474,537.64 - Design

Funding Source: Road Impact Fee (RIF)

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

PROJECT INFORMATION

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

section consists of four 11-foot travel lanes, a 10-foot-wide center two-way left turn lane, sidewalk in both directions and curb and gutter throughout. Work also includes but is not limited to providing all geotechnical, survey, and design services necessary to produce the required construction documents, engineering plans, traffic control and maintenance of traffic plans to detour traffic; project permitting; public involvement plan; and all project coordination.

Design:

The sensitivity of the work area requires highly specialized consultants for the design phase of this project; therefore, DTPW only recommends the following certifications for SBE A/E goal: 3.10 and 3.11. See table below.

A/E Consultant Selection: Technical Certification Categories:

Roadway Improvements to NW 84th Avenue between NW 58th Street and NW 74th Street – Design Costs				
3.02	Lead A/E	Major Highway Design	36.00%	\$170,833.55
3.09	Lead A/E	Signing, Pavement Marking, and Channelization	4.00%	\$18,981.51
10.01	Lead A/E	Stormwater Drainage Design Engineering Services	14.00%	\$66,435.27
3.10	Sub	Lighting	10.00%	\$47,453.76
3.11	Sub	Signalization	8.00%	\$37,963.01
9.02	Sub	Geotechnical And Materials Engineering Services	4.00%	\$18,981.51
9.03	Sub	Concrete and Asphalt Testing Services	2.00%	\$9,490.75
10.05	Sub	Contamination Assessment and Monitoring	10.00%	\$47,453.76
15.01	Sub	Land Surveying	7.00%	\$33,217.63
15.02	Sub	Aerial Photogrammetry	1.00%	\$4,745.38
20.00	Sub	Landscape Architecture	4.00%	\$18,981.51
		Total of technical categories to be Sub	18.00%	\$85,416.77

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.

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 and Drainage Work Classes.

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 Design - Builder.

RECOMMENDATION

DTPWM Areas recommended for SBE Subcontractor Goal:

SBE A/E Measure:		18.0%,
G/S Measure:	Not Applicable	
SBE Construction Measure:	Concrete	14.14%
	Lighting	5.94%
	Signage & Pavement Markings	<u>0.82%</u>
	Total Construction Goal	20.90%
CWP:	As Applicable	

Contract Measure Recommendation:

- No Measure
- Set-Aside:

Level I	Level II	Level III
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- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE Subcontractor Goal: 20.8%
- CWP: As Applicable
- DBE Subcontractor Goal: Not Applicable

Reason for Recommendation: The recommendations are based on the information provided in the attached cost estimate and the DTPW experience from previous projects on the same area. This is a very sensitive location.