


Memorandum



Date: December 3, 2018

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

From: Leandro J. Oña, P.E. 
Chief, Roadway Engineering & Right-of-Way Division
Department of Transportation and Public Works

Subject: Recommendation for Non-exclusive Professional Services Agreement for
NW 12 Street for Bus Only Lanes from the Dolphin Park and Ride Facility to NW 114
Avenue.
Contract No. E18-DTPW-09, Project No. 20180222

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-A/E) measures for this project, in order to proceed with the advertisement and subsequent bidding of the project.

Professional Services Agreement (PSA) for Roadway Improvements. The project consists of widening and resurfacing of NW 12 Street for Bus Only Lanes from the Dolphin Park and Ride Facility to NW 114 Avenue. The project will increase capacity for existing left turn and right turn lanes as well as provide new left turn and right turn lanes along NW 12 Street. Exit ramps from the Florida Turnpike, and the right turn lane exit from the Dolphin Mall at NW 114 Avenue will be improved. The project will also add new Bus Only Lanes to service the new Dolphin Park and Ride facility.

A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
3.02	Major Highway design (Prime)	57%	\$294,176.00
3.04	Traffic Engineering Studies	3%	\$ 15,483.00
3.05	Traffic Counts	1%	\$ 5,161.00
3.09	Signing, Pavement Marking and Channelization	5%	\$ 25,805.00
3.10	Lighting	6%	\$ 30,966.00
3.11	Signalization	3%	\$ 15,483.00
3.12	Underwater Engineering Inspection	1%	\$ 5,161.00
9.02	Geotechnical and Materials Engineering Services	5%	\$ 25,805.00
10.01	Stormwater Drainage Design Engineering Services (Prime)	19%	\$ 98,059.00
Total Estimated Professional Fees		100%	\$516,099.00

Gary T. Hartfield
Director
Page Two

The prime consultant must hold Technical Certifications 3.02 – Major Highway Design and 10.01 – Stormwater Drainage Design Engineering Services. Interested Professional Firms (Consultants) shall be certified by the County at the time of qualifications submittal in the Technical Certification Categories identified above.

The SBE-A/E Goal recommendation is 20.00% for TC No's 3.04, 3.05, 3.09, 9.02, 3.10, 3.11, and 3.12. The Agreement will be in the approximate amount of \$567,709.00, which includes 10% contingency, and shall remain in effect for a period of three (3) years after its date of execution or until completion of all project phases, whichever occurs last.

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

Memorandum



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

From: Leandro J. Oña, P.E. 
Chief, Roadway Engineering & Right-of-Way Division
Department of Transportation and Public Works

Project: Roadway Improvements to NW 12 Street for Bus Only Lanes from the Dolphin Park and Ride Facility to NW 114 Avenue.
Peoples Transportation Plan (PTP) District 12
DTPW Project No. 20180222
ISD Project No. E18-DTPW-09

Scope: The Miami-Dade County Department of Transportation and Public Works needs to establish a non-exclusive Professional Services Agreement (PSA), to provide professional engineering design services and preparation of complete construction plans to include master planning and public involvement for improvements to the existing NW 12 Street roadway. The project consists of widening and resurfacing of NW 12 Street from the Dolphin Park and Ride Facility to NW 114 Avenue. The project will increase capacity for existing left turn and right turn lanes as well as provide new left turn and right turn lanes along NW 12 Street. Exit ramps from the Florida Turnpike, and the right turn lane exit from the Dolphin Mall at NW 114 Ave will be improved. The project will also add new Bus Only lanes to service the new Dolphin Park and Ride facility. The project will include new storm drainage system, pavement markings and signage, intersection and signalization improvements, roadway lighting, permitting, culvert extension, and construction administration services. The project length is approximately 0.65 miles.

A/E Consultant Selection:

Technical Certification Categories:

TC No.	Description	Percentage	Amount
3.02	Major Highway design (Prime)	57%	\$294,176.00
3.04	Traffic Engineering Studies	3%	\$ 15,483.00
3.05	Traffic Counts	1%	\$ 5,161.00
3.09	Signing, Pavement Marking and Channelization	5%	\$ 25,805.00
3.10	Lighting	6%	\$ 30,966.00
3.11	Signalization	3%	\$ 15,483.00
3.12	Underwater Engineering Inspection	1%	\$ 5,161.00
9.02	Geotechnical and Materials Engineering Services	5%	\$ 25,805.00
10.01	Stormwater Drainage Design Engineering Services (Prime)	19%	\$ 98,059.00
Total Estimated Professional Fees		100%	\$516,099.00

Recommended SBE-A/E Goal: 20%

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

Contract/Project Title Roadway Improvements for NW 12 Street Bus Only Lanes from the Dolphin Park and Ride Facility to NW 114 Avenue.

Contract/Project No. Contract No E18-DTPW-09 / Project No. 20180222

Description See attached Scope of Work

Department DTPW Contact Leandro J. Oña, P.E. Phone (305) 375-1909

Estimated Cost 1 Agreement for \$567,709.00 Funding Source Peoples Trans. Plan (PTP)

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>
<u>20.00%</u>	<u>N/A</u>	_____

Analysis for Goal Recommendation

<u>Sub-Trade</u>	<u>Est. Cost</u>	<u>% of Item to Base Bid</u>	<u>Availability</u>
3.02 Major Highway Design (Prime)	\$ 294,176.00	57%	_____
3.04 Traffic Engineering Studies	\$ 15,483.00	3 %	_____
3.05 Traffic Counts	\$ 5,161.00	1 %	_____
3.09 Signing, Pavement Marking and Channelization	\$ 25,805.00	5 %	_____
3.10 Lighting	\$ 30,966.00	6 %	_____
3.11 Signalization	\$ 15,483.00	3 %	_____
3.12 Underwater Engineering Inspection	\$ 5,161.00	1 %	_____
9.02 Geotechnical and Materials Engineering Services	\$ 25,805.00	5 %	_____
10.01 Stormwater Drainage Design Engineering Services (Prime)	\$ 98,059.00	19%	_____
Total	\$ 516,099.00	100%	_____

Basis for Recommendation _____

By: Department of Transportation and Public Works

Date to SBA/DPM