


Memorandum



Date: March 5, 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
Roadway Improvements to SW 157 Avenue from SW 26 Street to SW 8 Street
Contract No. E18-DTPW-07, Project No. 20180026

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 of SW 157 Avenue from SW 26 Street to SW 8 Street: 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 widening the existing SW 157 Avenue roadway from 2 to 4 lanes from SW 26 Street to SW 8 Street. The project includes new raised landscape median, bike lanes, sidewalks, curb & gutters, storm drainage system, pavement markings and signage, intersection and signalization improvements, roadway lighting, environmental permitting, and construction administration services. The project length is approximately 1.3 miles.

A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
3.02	Major Highway Design (Prime)	57%	\$ 285,000.00
10.01	Stormwater Drainage Design Engineering Services (Prime)	19%	\$ 95,000.00
3.04	Traffic Engineering Studies	3%	\$ 15,000.00
3.05	Traffic Counts	1%	\$ 5,000.00
3.09	Signing, Pavement Marking, and Channelization	5%	\$ 25,000.00
9.02	Geotechnical And Materials Engineering Services	5%	\$ 25,000.00
3.11	Signalization	3%	\$ 15,000.00
3.10	Lighting	7%	\$ 35,000.00
	Total Estimated Professional Fees	100%	\$ 500,000.00

Gary T. Hartfield
Director
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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 prime consultant should have a minimum of eight (8) years in business and demonstrate experience with at least 2 previously designed projects with similar scope and value. The prime consultant should have experience with Right of Way acquisition in environmentally sensitive areas. The sub consultants should also demonstrate experience with at least 2 previously designed projects of similar scope and value in their respective categories. The consultant team should be experienced in addressing environmental permitting requirements and possess environmental assessment and mitigation experience.

The SBE-A/E Goal recommendation is 17.00% for TC No's 3.04, 3.05, 3.09, 9.02 and 3.11. The Agreement will be in the approximate amount of \$550,000.00, 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

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

Contract/Project Title Roadway Improvements to SW 157 Avenue from SW 26 Street to SW 8 Street
 Contract/Project No. Contract No. E18-DTPW-07 / Project No. 20180026
 Description See attached Scope of Work
 Department DTPW Contact Leandro J. Oña, P.E. Phone (305) 375-1909
 Estimated Cost 1 Agreement for \$550,000.00 Funding Source Road Impact Fees (RIF)

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>17.00%</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>
<u>3.02 Major Highway Design (Prime)</u>	<u>\$ 285,000.00</u>	<u>57%</u>	_____
<u>10.01 Stormwater Drainage Design</u>			
<u>Engineering Services (Prime)</u>	<u>\$ 95,000.00</u>	<u>19%</u>	_____
<u>3.04 Traffic Engineering Studies</u>	<u>\$ 15,000.00</u>	<u>3%</u>	_____
<u>3.05 Traffic Counts</u>	<u>\$ 5,000.00</u>	<u>1%</u>	_____
<u>3.09 Signing, Pvement Markings, and Channelization</u>	<u>\$ 25,000.00</u>	<u>5%</u>	_____
<u>9.02 Geotechnical And Materials Engineering Services</u>	<u>\$ 25,000.00</u>	<u>5%</u>	_____
<u>3.11 Signalization</u>	<u>\$ 15,000.00</u>	<u>3%</u>	_____
<u>3.10 Lighting</u>	<u>\$ 35,000.00</u>	<u>7%</u>	_____
Total	\$ 500,000	100%	_____

Basis for Recommendation _____

By: Department of Transportation and Public Works

Date to SBA/DPM 3/5/18

FY 2017 - 18 Adopted Budget and Multi-Year Capital Plan

ROAD WIDENING - COUNTYWIDE

PROJECT #: 2000000540

DESCRIPTION: Increase traffic capacity countywide by widening roads

LOCATION: Various Locations
Throughout Miami-Dade County

District Located:
District(s) Served:

Countywide
Countywide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Charter County Transit System Surtax	119	0	0	0	0	0	0	0	119
FDOT Funds	28,192	0	0	0	0	0	0	0	28,192
Other - Non County Sources	2,100	0	0	0	0	0	0	0	2,100
People's Transportation Plan Bond Program	75,814	17,565	14,903	6,648	1,988	0	0	0	116,918
Road Impact Fees	78,348	7,609	9,000	9,000	9,000	5,000	0	13,485	131,442
TOTAL REVENUES:	184,573	25,174	23,903	15,648	10,988	5,000	0	13,485	278,771
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	108,734	35,198	28,857	19,419	26,658	15,906	1,674	12,869	249,315
Other Capital	728	0	0	0	0	0	0	0	728
Planning and Design	15,496	2,610	1,934	1,490	489	150	0	100	22,269
Project Administration	1,124	1,292	667	899	1,310	651	0	516	6,459
TOTAL EXPENDITURES:	126,082	39,100	31,458	21,808	28,457	16,707	1,674	13,485	278,771

SAFETY IMPROVEMENTS - COUNTYWIDE

PROJECT #: 2000000541

DESCRIPTION: Construct and/or provide improvements countywide to railroad crossings, sidewalks, bike paths, ADA ramps, street lights, pavement markings, and school flashers

LOCATION: Various Sites
Various Sites

District Located:
District(s) Served:

Countywide
Countywide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Capital Impr. Local Option Gas Tax	6,264	2,618	998	792	493	189	189	0	11,543
Charter County Transit System Surtax	1,000	500	500	500	500	500	0	0	3,500
FDOT Funds	7,538	4,656	3,007	3,007	3,007	3,007	3,007	0	27,229
People's Transportation Plan Bond Program	4,362	200	750	600	0	0	0	0	5,912
Secondary Gas Tax	4,521	2,577	2,491	2,491	2,491	2,491	2,491	0	19,553
TOTAL REVENUES:	23,685	10,551	7,746	7,390	6,491	6,187	5,687	0	67,737
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	23,142	10,008	7,746	7,390	6,491	6,187	5,687	0	66,651
Planning and Design	371	371	0	0	0	0	0	0	742
Project Administration	172	172	0	0	0	0	0	0	344
TOTAL EXPENDITURES:	23,685	10,551	7,746	7,390	6,491	6,187	5,687	0	67,737

Memorandum

MIAMI-DADE
COUNTY

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: SW 157 Avenue from SW 26 Street to SW 8 Street
Road Impact Fees District 4
DTPW Project No. 20180026
ISD Project No. E18-DTPW-07

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 widening the existing SW 157 Avenue roadway from 2 to 4 lanes from SW 26 Street to SW 8 Street. The project includes new raised landscape median, bike lanes, sidewalks, curb & gutters, storm drainage system, pavement markings and signage, intersection and signalization improvements, roadway lighting, environmental permitting, and construction administration services. The prime consultant should have a minimum of eight (8) years in business and demonstrate experience with at least 2 previously designed projects with similar scope and value. The prime consultant should have experience with Right of Way acquisition in environmentally sensitive areas. The sub consultants should also demonstrate experience with at least 2 previously designed projects of similar scope and value in their respective categories. The consultant team should be experienced in addressing environmental permitting requirements and possess environmental assessment and mitigation experience. The project length is approximately 1.3 miles.

A/E Consultant Selection:

Technical Certification Categories:

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Recommended SBE-A/E Goal: 17%