


# 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 42 Street to SW 26 Street  
Contract No. E18-DTPW-06, Project No. 20180025

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 42 Street to SW 26 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 42 Street to SW 26 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 mile.

A/E Technical Certification Categories required:

TC No.	Description	Percentage	Amount
3.02	Major Highway Design (Prime)	55%	\$ 275,000.00
10.01	Stormwater Drainage Design Engineering Services (Prime)	18%	\$ 90,000.00
<b>3.04</b>	<b>Traffic Engineering Studies</b>	<b>3%</b>	<b>\$ 15,000.00</b>
<b>3.05</b>	<b>Traffic Counts</b>	<b>1%</b>	<b>\$ 5,000.00</b>
<b>3.09</b>	<b>Signing, Pavement Marking, and Channelization</b>	<b>5%</b>	<b>\$ 25,000.00</b>
<b>9.02</b>	<b>Geotechnical And Materials Engineering Services</b>	<b>5%</b>	<b>\$ 25,000.00</b>
<b>3.11</b>	<b>Signalization</b>	<b>6%</b>	<b>\$ 30,000.00</b>
3.10	Lighting	7%	\$ 35,000.00
	<b>Total Estimated Professional Fees</b>	<b>100%</b>	<b>\$ 500,000.00</b>

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 20.00% 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 42 Street to SW 26 Street  
 Contract/Project No. Contract No.E18-DTPW-06 / Project No. 20180025  
 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>2<sup>nd</sup> Year</u>	<u>1<sup>st</sup> 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>
<u>3.02 Major Highway Design (Prime)</u>	<u>\$ 275,000.00</u>	<u>55%</u>	_____
<u>10.01 Stormwater Drainage Design Engineering Services (Prime)</u>	<u>\$ 90,000.00</u>	<u>18%</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, Pvcment 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>\$ 30,000.00</u>	<u>6%</u>	_____
<u>3.10 Lighting</u>	<u>\$ 35,000.00</u>	<u>7%</u>	_____
<b>Total</b>	<b><u>\$ 500,000</u></b>	<b><u>100%</u></b>	_____

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
<b>TOTAL REVENUES:</b>	<b>184,573</b>	<b>25,174</b>	<b>23,903</b>	<b>15,648</b>	<b>10,988</b>	<b>5,000</b>	<b>0</b>	<b>13,485</b>	<b>278,771</b>
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
<b>TOTAL EXPENDITURES:</b>	<b>126,082</b>	<b>39,100</b>	<b>31,458</b>	<b>21,808</b>	<b>28,457</b>	<b>16,707</b>	<b>1,674</b>	<b>13,485</b>	<b>278,771</b>

### 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
<b>TOTAL REVENUES:</b>	<b>23,685</b>	<b>10,551</b>	<b>7,746</b>	<b>7,390</b>	<b>6,491</b>	<b>6,187</b>	<b>5,687</b>	<b>0</b>	<b>67,737</b>
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
<b>TOTAL EXPENDITURES:</b>	<b>23,685</b>	<b>10,551</b>	<b>7,746</b>	<b>7,390</b>	<b>6,491</b>	<b>6,187</b>	<b>5,687</b>	<b>0</b>	<b>67,737</b>

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**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 42 Street to SW 26 Street  
Road Impact Fees District 4  
DTPW Project No. 20180025  
ISD Project No. E18-DTPW-06

**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 42 Street to SW 26 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 mile.

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**Recommended SBE-A/E Goal:** 20%