

SBD - CM Review Form

To:	Project Review & Analysis (CONSTRUCTION)		
From:	SBD Construction Project Manager - Andrew Burgess		
Department:	Miami-Dade Transportation and Public Works Department	Contact:	Alfredo E. Munoz, P.E., Chief
Date:	5/20/2021	Resubmittal:	

PROJECT NUMBER:	20210058
ISD PROJECT NUMBER:	DB21-DTPW-05
PROJECT TITLE:	Roadway Improvements to Bay Vista Blvd. from NE 151 Street to Gwen Margolis Blvd

PROJECT LOCATION: Bay Vista Boulevard from NE 151 Street to Gwen Margolis Boulevard

SCOPE OF WORK/DESCRIPTION: The project consists of roadway improvements to Bay Vista Boulevard from NE 151 Street to Gwen Margolis Boulevard. Improvements include, but are not limited to, roadway widening from 4 lanes to 6 lanes from NE 151 St to NE 145 St, stormwater drainage system including overflow to bay, sidewalks, curb and gutter, signing and pavement markings, bike lanes, lighting, and potential wetland impacts and contamination.

As part of this contract the contractor shall construct a mid-block traffic signal in the vicinity of the cross walk (approximately Station 40+80) in front of Tracy and Alonzo Mourning High School. The work also includes but is not limited to providing all geotechnical, survey, and design services necessary to produce the required construction documents, engineering plans, temporary traffic control plans, project permitting, public involvement plan, and all project coordination, supervision, labor, materials, tools, and equipment needed for completing the Work in accordance with the Contract Documents.

LICENSES:
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.

SPECIAL REQUIREMENTS: Bidders shall submit proof that his/her firm has at least the minimum successful contract experience as requested below:
NONE STATED

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
1	MOBILIZATION (5%)	\$196,693.89	3.36%	No Small Business Opportunities
2	MAINTENANCE OF TRAFFIC (5%)	\$196,693.89	3.36%	
3	STAKED SILT FENCE (TYPE III)	\$12,030.00	0.21%	* Possible Small Business Opportunities
4	CLEARING & GRUBBING	\$311,139.08	5.31%	
5	REGULAR EXCAVATION	\$7,827.57	0.13%	
6	EMBANKMENT	\$151,082.07	2.58%	

Initial:

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
7	TYPE 'B' STABILIZATION (12") (MIN. C.B.R. OF 30)	\$116,697.56	1.99%	* Possible Small Business Opportunities
8	LIMEROCK BASE (8") (PRIMED)	\$446,902.50	7.63%	
9	HOT MIX ASPHALT, TRAFFIC LEVEL C, SP-12.5 (2")	\$300,627.04	5.13%	
10	HOT MIX ASPHALT FRICTION COURSE, TRAFFIC LEVEL C, FC-9.5 (1' THICK)	\$177,107.28	3.02%	
11	DETECTABLE WARNING ON WALKING SURFACE/CURB RAMP DETECTABLE WARNING SURFACE	\$628.42	0.01%	
12	CLASS NS CONCRETE (GRAVITY WALL)	\$55,880.00	0.95%	No Small Business Opportunities
13	INLETS (CURB) TYPE P-5 (<10')	\$25,174.36	0.43%	
14	INLETS (CURB) TYPE P-5 (>10')	\$28,444.00	0.49%	
15	INLET (CURB) TYPE P-6 (>10')	\$52,719.92	0.90%	
16	MANHOLE TYPE J-7	\$128,592.48	2.19%	
17	18" PIPE CULVERT (STORM SEWER)	\$19,000.00	0.32%	
18	54" PIPE CULVERT (STORM SEWER)	\$355,680.00	6.07%	
19	60" PIPE CULVERT (STORM SEWER)	\$927,000.00	15.82%	
20	WELLS	\$600,000.00	10.24%	* Possible Small Business Opportunities
21	STRAIGHT CONCRETE ENDWALLS, 60", SINGLE, 0 DEGREES, ROUND	\$8,500.00	0.15%	
22	CONCRETE CURB AND GUTTER (TYPE "F") INCLUDES COST OF LIMEROCK	\$181,736.52	3.10%	
23	CONCRETE CURB, TYPE D	\$754.80	0.01%	
24	CONCRETE VALLEY GUTTER	\$1,250.00	0.02%	
25	CONCRETE SIDEWALK (4" THICK) (INCLUDING PEDESTRIAN RAMP)	\$18,410.10	0.31%	
26	SODDING (ST. AUGUSTINE) (2 APPLICATIONS OF WATER INCL. AT STD. RATES)	\$6,694.10	0.11%	No Small Business Opportunities
27	SOIL MANAGEMENT PLAN	\$450,000.00	7.68%	
28	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	\$6,128.43	0.10%	* Possible Small Business Opportunities
29	SINGLE POST SIGN, RELOCATE	\$264.21	0.00%	
30	SINGLE POST SIGN, REMOVE	\$86.24	0.00%	
31	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	\$6,000.00	0.10%	
32	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	\$542.19	0.01%	
33	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	\$2,950.00	0.05%	
34	RETRO-REFLECTIVE PAVEMENT MARKERS	\$1,103.78	0.02%	
35	SOLID, 6"	\$916.78	0.02%	
36	SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	\$462.61	0.01%	
37	2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	\$124.86	0.00%	
38	MESSAGE OR SYMBOL	\$1,102.40	0.02%	
39	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	\$717.64	0.01%	

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS	
40	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	\$871.43	0.01%	* Possible Small Business Opportunities	
41	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	\$35.20	0.00%		
42	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	\$55.75	0.00%		
43	THERMOPLASTIC, WHITE, SOLID, 24"	\$432.15	0.01%		
44	THERMOPLASTIC, STD, WHITE, SKIP, GUIDE LINE, 6"	\$348.49	0.01%		
45	THERMOPLASTIC, STD., MESSAGE OR SYMBOL	\$2,549.56	0.04%		
46	THERMOPLASTIC, STD, ARROWS	\$1,539.16	0.03%		
	THERMOPLASTIC, STD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	\$102.06	0.00%		
47	THERMOPLASTIC, PERFORMED, MESSAGE OR SYMBOL (BIKE)	\$7,443.02	0.00%		
48	THERMOPLASTIC, PERFORMED, ARROWS (BIKE THRU)	\$4,872.28	0.13%		
49	THERMOPLASTIC, STD-OPEN GRADED ASPHALT SURFACE, WHITE, SOLID, 6"	\$721.60	0.08%		
50	THERMOPLASTIC, STD - OG, WHITE, SKIP, 6" (10/30)	\$2,310.00	0.01%		
51	THERMOPLASTIC, STD-OPEN GRADED ASPHALT SURFACE, YELLOW, SOLID, 6"	\$4,100.00	0.04%		
52	THERMOPLASTIC, WHITE, SOLID, 6"	\$4,787.72	0.07%		
53	THERMOPLASTIC, WHITE, SOLID, 8"	\$899.15	0.08%		
54	GROUNDING ELECTRODE	\$30,000.00	0.51%		* Possible Small Business Opportunities
55	CONDUCTORS (INSULATED) (NO. 6)	\$33,011.85	0.56%		
56	CONDUIT (2" PVC-SCHEDULE 40) (UNDERGROUND)	\$47,295.82	0.81%		
57	PULL BOX (SIDEWALK)	\$2,652.28	0.05%		
58	243 WATT LED LUMINAIRE (COBRA HEAD)	\$108,000.00	1.84%		
59	LIGHTING POLE COMPLETE (40'-ALUM)	\$14,700.00	0.25%		
60	LOAD CENTER	\$10,750.00	0.18%		
61	TRENCHING (INCLUDING BACKFILL)	\$26,450.00	0.45%		
62	LIGHT POLE COMPLETE (REMOVE)	\$1,400.00	0.02%		
63	SIGNALIZATION	\$225,000.00	3.84%		
BASE SUB-TOTAL		\$5,327,992.23	90.90%		
Contingency Allowance (10% of Base Estimate)		\$532,799.22	9.09%		
TOTAL BASE + CONTINGENCY		\$5,860,791.45	99.99%		

Small Business Development Signature:



Date:

05/20/2021

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM

DTPW is recommending

9.27% CONSTRUCTION

Initial:



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Date: 05/20/2021

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SPECIAL REQUIREMENTS:

NONE STATED

TECHNICAL CERTIFICATIONS		PERCENTAGE	COST	COMMENTS
PRIME				
3.02	Highway Systems - Highway Design	36.00%	\$168,790.79	No opportunities for Small Businesses
3.09	Highway Systems - Signing, Pavement Marking, and Channelization	4.00%	\$18,754.53	
10.01	Environmental Engineering - Stormwater Drainage Design Engineering Services	10.00%	\$46,886.33	
SUB-CONSULTANT				
3.10	Highway Systems - Lighting	10.00%	\$46,886.33	* Possible Small Business Opportunities
3.11	Highway Systems - Signalization	8.00%	\$37,509.07	
9.02	Soils, Foundations, and Materials Testing – Geotechnical and Materials Engineering	4.00%	\$18,754.53	
9.03	Soils, Foundations, and Materials Testing – Concrete and Asphalt Testing Services	2.00%	\$9,377.27	
10.05	Contamination Assessment and Monitoring	14.00%	\$65,640.86	
15.01	Land Surveying	7.00%	\$32,820.43	No opportunities for Small Businesses
15.02	Aerial Photography	1.00%	\$4,688.63	
20.00	Landscape Architecture	4.00%	\$18,754.53	* Possible Small Business Opportunities
BASE ESTIMATE COST		100.00%	\$468,863.32	
10 % Contingency		0.00%	\$0.00	
Total Estimated Professional Fees		100.00%	\$468,863.32	

Small Business Development CM Signature:  Date: 05/20/2021

*Prime/Sub-Consultants identified for possible opportunities by SBD A/E

DTPW is recommending 18%

Initial: 