

### SBD - CM Review Form

<b>To:</b>	Project Review & Analysis - Construction		
<b>From:</b>	SBD Construction Project Manager - Andrew Burgess		
<b>Department:</b>	Department of Transportation and Public Works	<b>Contact:</b>	Alfredo E Munoz, P.E. Chief
<b>Date:</b>	5/14/2021	<b>Resubmittal:</b>	

<b>PROJECT NUMBER:</b>	TOMLJPA-2021.01
<b>PROJECT TITLE:</b>	Joint Participation Agreement (JPA) between Miami-Dade County and the Town of Miami Lakes for Roadway Extension of NW 59 Avenue over the C-8 Canal South to NW 151 Street
<b>PROJECT LOCATION:</b>	Roadway extension of NW 59 Avenue over the C-8 Canal South to NW 151 Street.

**SCOPE OF WORK/DESCRIPTION:** This is a JPA for the construction of a roadway extension of NW 59 Avenue over the C-8 Canal South to NW 151 Street improvement project along W 76 Street from W 36 Avenue to W 20 Avenue.

**LICENSES:**  
At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade 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 Project's Scope of Work, in one or more engineering crafts to include Paving Engineering and Structural Engineering.

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.

Roadway Lighting:  
Miami-Dade County Contractor's Certificate of Competency for the Prime Contractor is required in one of the following categories: Electrical or other categories as applicable to Chapter 1 O of the Code of Miami-Dade County.

Roadway Lighting Contractor Licenses, Certifications, and General Regulations  
General:  
Contractor must have the following license(s), certifications, and must abide by the general requirements as set forth by the Miami-Dade DTPW to be qualified to perform Roadway Lighting Constructions/repairs, and/or maintenance activities in Miami-Dade County, Florida.

Contractor License:  
1. Miami-Dade County Master Electrical Contractor License; or  
2. State of Florida Certified Electrical Contractor License

In addition, to the above license(s) any Contractor who is engaged in installing, modifying, repairing, or maintaining the Roadway Street Light System in Miami-Dade County shall have all work performed under the supervision of an individual possessing a Certificate of Competency as a Master Electrician.

**SPECIAL REQUIREMENTS:** Bidders shall submit proof that his/her firm has at least the minimum successful contract experience as requested below:

Experience Requirement:  
The Bidder, through full-time personnel employed by the Bidder, must demonstrate their experience as the prime contractor or subcontractor in at least one successfully completed project performed in the Public Right-of-Way whose bulk work is similar in detail to the Project's Scope of Work described in these Solicitation Documents.

Initial: 

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
	ROADWAY ITEMS			
1	Prevention, Control and Abatement of Erosion and Water Pollution	\$5,000.00	0.18%	*No opportunities for Small Businesses
2	Clear and Grubbing	\$10,000.00	0.36%	
3	Regular Excavation	\$13,568.10	0.48%	
4	Embankment	\$74,684.70	2.66%	
5	Concrete Road Removal(Driveway) (North of the Bridge)	\$2,931.20	0.10%	
6	Demolition (South of the Bridge including building, parking lot, concrete pad and miscellaneous)& (North of the Bridge including asphalt road removal)	\$120,000.00	4.28%	
7	Type "B" Stabilization (12") (Min. L.B.R. 40)	\$6,232.05	0.22%	
8	Limerock Base (8") (Primed)	\$28,503.00	1.02%	
9	Milling Existing Asphalt Pavement, 2" Avg. Depth	\$1,059.85	0.04%	
10	Type Structural Course HWA (Traffic C) (2")	\$53,802.61	1.92%	
11	Friction Course Type FC-9.5 HWA (1" Thick)	\$30,652.32	1.09%	
12	Adjust Existing Valve Boxes, Meter Boxes, Fire Hydrants, Manhole Covers and Catch Basins	\$5,500.00	0.20%	
13	Inlets (Curb) Type P-9 (<10')	\$5,144.60	0.18%	
14	Inlets (Curb) Type P-5 (<10')	\$45,906.96	1.64%	
15	Inlets (Curb) Type P-6 (<10')	\$15,543.75	0.55%	
16	Pipe Culvert, Optional Material, Round, 18" S/CD	\$8,676.90	0.31%	
17	Pipe Culvert, Optional Material, Round, 24" S/CD	\$1,543.20	0.06%	
18	Exfiltration Drain, 36" (Includes Ballast Rock, Trench & Plastic Filter Fabric)	\$109,188.48	3.90%	
19	Concrete Curb & Gutter, Type "F" (includes cost of limerock)	\$62,115.80	2.22%	* Possible small business opportunities
20	Concrete Curb (Valley) (includes cost of limerock)	\$3,286.00	0.12%	
21	Concrete Sidewalk Reconstruction (4" Thick)	\$122,430.00	4.37%	
22	Concrete Sidewalk Reconstruction (Driveways) (6" Thick)	\$9,472.00	0.34%	
23	Detectable Warning Surface	\$567.60	0.02%	
24	MDAD Airside High Security Chain Link Fence	\$56,485.00	2.02%	
25	Sodding (Pensacola Bahia or Match Existing) (Includes Watering & Maintenance)	\$6,750.00	0.24%	*No opportunities for Small Businesses
26	Relocate Trees	\$11,500.00	0.41%	
27	Chain Link Fence Removal	\$1,500.00	0.05%	
28	Cut, plug & abandon 6" Force Main	\$2,988.00	0.11%	
29	Furnish & Install, 6" Force Main	\$21,375.00	0.76%	
30	Cut, plug & abandon 12" Water Main	\$3,930.00	0.14%	
31	Furnish & Install, 12" Water Main	\$21,600.00	0.77%	

Initial: \_\_\_\_\_



ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
32	Sign Single Post(R1-1)(Stop Sign) (Less than 12 SQ. FT.)	\$350.39	0.01%	* Possible small business opportunities
33	Sign Single Post(R2-1)(Speed Limit) (Less than 12 SQ. FT.)	\$1,401.56	0.05%	
34	Sign Single Post(R3-2)(No Left Turn)(Less than 12 SQ. FT.)	\$350.39	0.01%	
35	Sign Single Post(Airport - Restricted Area - No Trespassing) (Less than 12 SQ. FT.)	\$1,401.56	0.05%	
36	Marker Pavement Retro-Reflective (White/Red)	\$46.80	0.00%	
37	Marker Pavement Retro-Reflective (Yellow/Yellow)	\$666.90	0.02%	
38	Thermoplastic, White, Solid, 6"	\$96.00	0.00%	
39	Thermoplastic, White, Solid, 12"	\$217.56	0.01%	
40	Thermoplastic, White, Solid, 24"	\$97.52	0.00%	
41	Thermoplastic, Yellow, Solid, 6"	\$1,615.36	0.06%	
42	Thermoplastic, Yellow, 10'-30' Skip, 6"	\$400.00	0.01%	
43	Thermoplastic, White, Arrows	\$47.76	0.00%	
44	Permanent Tape, Yellow, Solid, 6", for concrete bridges	\$280.00	0.01%	
	<b>Sub-Total Roadway Items</b>	<b>\$868,908.92</b>		
	<b>BRIDGE ITEMS</b>			
45	Floating Turbidity Barrier	\$3,282.12	0.12%	No opportunities for small business
46	Class II Concrete (Superstructure)	\$56,595.00	2.02%	
47	Class II Concrete (CIP Top W/SR Admix)	\$147,274.40	5.25%	
48	Class II Concrete (Approach Slabs)	\$56,265.00	2.01%	
49	Class IV Concrete, Substructure	\$71,370.00	2.55%	
50	Bridge Deck Grooving and Planing-Deck Thickness 8.5" or greater	\$4,640.13	0.17%	
51	Plain Neoprene Pads	\$12,662.00	0.45%	
52	Reinforcing Steel - Superstructure	\$50,920.44	1.82%	
53	Reinforcing Steel - Substructure	\$12,482.56	0.45%	
54	Reinforcing Steel - Approach Slabs	\$23,637.60	0.84%	
55	Precast Beam: FL Slab Beam, 12" D, 55-57 W	\$354,780.00	12.66%	
56	Prestressed Concrete Pilling, 18" SQ	\$218,880.00	7.81%	
57	Test Pile - Prestressed Concrete Pilling (18" SQ)	\$52,900.00	1.89%	
58	Bridge Deck Expansion Joint, New Construction, F&I Poured Joint with Backer Rod	\$9,226.80	0.33%	
59	Bullet Rail, Single Rail	\$12,524.80	0.45%	
60	Concrete Traffic Rail - BRG, 32" Vert. face	\$40,769.44	1.45%	
61	Articulating Concrete Block Revetment System, Thickness 6"	\$211,023.12	7.53%	
62	Riprap Rubble, Bank and Shore	\$13,708.30	0.49%	
63	Bedding Stone	\$5,147.44	0.18%	
	<b>Sub-Total Bridge Items</b>	<b>\$1,358,089.15</b>		

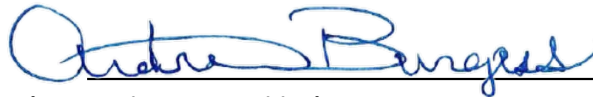
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ITEM NO.	DESCRIPTION	AMOUNT	PERCENT	COMMENTS
<b>LIGHTING ITEMS</b>				
64	Conduit, F&I, Open Trench	\$22,386.00		* Possible small business opportunities
65	Lighting Conductors, F&I	\$5,174.00		
66	Lightpole Complete, F&I, 40', including foundation, cable distribution, pole, luminaire, grounding electrode & pull box	\$98,000.00		
67	Lightpole Complete, F&I, 18', including foundation, cable distribution, pole, luminaire, grounding electrode & pull box	\$37,500.00		
68	Load Center, Complete	\$14,580.00		
	<b>Sub-Total Lighting Items</b>	<b>\$177,640.00</b>		

<b>LANDSCAPE ITEMS</b>				
69	Tree Protection Barrier	\$4,189.68	0.15%	No possible small business opportunities
70	Tree Root & Branch Pruning	\$46,000.00	1.64%	
71	Performance Turf	\$11,486.08	0.41%	* Possible small business opportunities
72	Small Plants	\$0.00	0.00%	
73	Mulch	\$2,160.00	0.08%	
74	Hamelia Patens	\$240.00	0.01%	
75	Muhlenbergia Capillaris	\$822.00	0.03%	
76	Large Plants	\$0.00	0.00%	
77	Caesalpina Granadillo	\$3,750.00	0.13%	
78	Jatropha Hastata	\$2,750.00	0.10%	
79	Quercus Virginiana "Cathedral"	\$16,200.00	0.58%	
80	Sabal Palmetto	\$525.00	0.02%	
81	Sabal Palmetto	\$900.00	0.03%	
82	Sabal Palmetto	\$1,200.00	0.04%	
83	Wodyetia Bifurcata	\$4,400.00	0.16%	
84	Landscape Soils	\$48,685.00	1.74%	
	<b>Sub-Total Landscape Items</b>	<b>\$143,307.76</b>		

<b>BASE SUB-TOTAL</b>	\$2,547,945.83	90.91%
<b>Contingency Allowance (10% of Base Estimate)</b>	\$254,794.58	9.09%
<b>TOTAL BASE + CONTINGENCY</b>	<b>\$2,802,740.41</b>	<b>100.00%</b>

Small Business Development Signature:



Date:

05/14/2021

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

DTPW is recommending

**10.87%**

Initial:

