

SBD - CM Review Form

To: Project Review & Analysis - Construction
From: SBD CM - Eddy V. Etienne Jr.
Department: Department of Transportation and Public Works (DTPW) **Contact:** James Ferreira
Date: 7/16/2018 **Resubmittal:** No

PROJECT NUMBER: 20180103
PROJECT TITLE: Joint Participation Agreement (JPA) between Miami-Dade County and the City of Hialeah for Roadway Improvements to NW 142 Street from NW 107 Ave to NW 97 Ave
PROJECT LOCATION: NW 142 Street from NW 107 Ave to NW 97 Ave

SCOPE OF WORK/DESCRIPTION: This JPA between Miami-Dade County and the City of Hialeah (Hialeah) will facilitate a roadway improvements project in Miami-Dade County. Work under this Contract will include the following: Furnishing all supervision, labor, materials, equipment, tools and performing all operations necessary for the construction of a new two-lane two-way road with a center left-turn lane along NW 142 Street between NW 107 Avenue and NW 97 Avenue.

Hialeah shall procure the services of a licensed contractor holding an engineering contractor's license to construct the Project. Hialeah shall also comply with all applicable County contract compliance and oversight measures relating to the expenditure of County funds in accordance with Section 6 of the attached JPA.

Prior to the advertisement to solicit a licensed contractor, Hialeah will contact the Department of Transportation and Public Work's (DTPW) Capital Improvements Section to confirm compliance.

SPECIAL REQUIREMENTS: 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 Contractor.

Initial: EVE

Date: 7-16-18

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Prime Contractor			
Mobilization (2% of Grand Total)	\$80,000.00	2.25%	Must comply with special requirements. Possible oppourtunities for Small Businesses.
Maintenance of Traffic (2% of Grand Total)	\$90,000.00	2.54%	
Clearing and Grubbing (3% of Grand Total)	\$115,000.00	3.24%	
Roadway Regular Excavation	\$8,832.20	0.25%	
Roadway Fill (30% included)	\$223,193.60	6.29%	
Subsoil Excavation (muck)	\$91,414.40	2.58%	
Fill (From Muck) (30% included)	\$425,387.60	11.99%	
Solid Waste Excavation	\$35,000.00	0.99%	
Fill (From Solid Waste) (30% included)	\$161,849.20	4.56%	
Type "B" Stabilization (12" thick minimum LBR 40)	\$28,181.25	0.79%	
Limerock Base (8" Thick Double Course) (Primed) (Ty	\$207,095.10	5.84%	
Asphaltic Concrete Type SP-12.5 (2" thick)	\$221,760.00	6.25%	
Asphaltic Concrete Type SP-9.5 (1" thick)	\$110,880.00	3.12%	
Inlets Curb Type P-9, < 10'	\$5,200.00	0.15%	
Inlets Curb Type P-5, < 10'	\$4,000.00	0.11%	
Inlets Curb Type P-6, < 10'	\$57,200.00	1.61%	
Inlets Curb Type J-6, < 10'	\$32,500.00	0.92%	
Manhole, Type P-7T, <10'	\$10,500.00	0.30%	
Inlets Curb Type J-7T, < 10'	\$30,800.00	0.87%	
Adjust Existing Valve Boxes	\$345.00	0.01%	
15" Solid Pipe	\$14,382.00	0.41%	
24" Solid Pipe	\$41,496.00	1.17%	
30" Solid Pipe	\$91,636.00	2.58%	
96" Solid Pipe	\$62,488.00	1.76%	
24" Exfiltration Drain (Includes Cost of 24" Pipe)	\$317,892.00	8.96%	
6" Thick Driveways	\$18,720.00	0.53%	
Guardrail Removal	\$500.00	0.01%	
Reset Existing Fence (Type B)	\$39,000.00	1.10%	
24" CMP Pipe	\$1,680.00	0.05%	
Concrete Collar 4'x4'x4" w/ Manhole Cover	\$1,400.00	0.04%	
2812AG Catch Basin Nyloplast	\$15,600.00	0.44%	
12" Solid Pipe	\$1,260.00	0.04%	
Impervious Liner	\$29,970.00	0.84%	
Filter Fabric /Silt Fence	\$11,672.50	0.33%	
Grounding Electrode	\$3,750.00	0.11%	
Conductors (Insulated) (No. 6)	\$23,295.00	0.66%	
Conduit (3/4" PVC-Schedule 40) (Underground)	\$2,500.00	0.07%	
Conduit (2" PVC-Schedule 40) (Underground)	\$35,560.00	1.00%	
Conduit (2" PVC-Schedule 40) (Underpavement)	\$1,050.00	0.03%	
Pull Box (Roadside)	\$20,000.00	0.56%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Lighting Pole Complete (F#1), Single Arm, Shoulder N	\$96,600.00	2.72%	
Load Center (Secondary Voltage)	\$17,000.00	0.48%	
Sub-contractor			
Concrete Curb and Gutter (Type "F")	\$146,115.00	4.12%	*Possible subcontracting opportunities.
Concrete Curb (Type "D")	\$13,634.00	0.38%	
Concrete Valley Gutter	\$4,335.00	0.12%	
Sodding (Pensa. Bahia or Match Exist) (Incl. Water &	\$66,328.00	1.87%	
Landscape-Relocate Trees & Palms	\$9,000.00	0.25%	
Sign Single Post < 12 SF	\$16,065.00	0.45%	
Sign Single Post (Relocate)	\$205.00	0.01%	
Sign Single Post (Remove)	\$90.00	0.00%	
Retro-Reflective Pavement Marker (Colorless/Red) (\$2,155.00	0.06%	
Solid Traffic Stripe (6" White) (Thermoplastic)	\$20,964.00	0.59%	
Solid Traffic Stripe (24" White) (Thermoplastic)	\$525.00	0.01%	
Directional Arrows (Thermoplastic)	\$5,760.00	0.16%	
Solid Traffic Stripe (6" Yellow) (Thermoplastic)	\$20,080.00	0.57%	
Solid Traffic Stripe (18" Yellow) (Thermoplastic)	\$680.00	0.02%	
Skip Traffic Stripe (6" Yellow) (Thermoplastic)	\$14,640.00	0.41%	
BASE TOTAL	\$3,107,165.85	87.57%	
Contingency Allowance (10% of Base Estimate)	\$310,716.59	8.76%	
2% Bond & Insurance	\$43,420.52	1.22%	
Contingency Fund (Contamination Area)	\$40,000.00	1.13%	
Survey	\$25,328.64	0.71%	
As Built	\$21,710.26	0.61%	
TOTAL AMOUNT	\$3,548,341.86	100.00%	

Small Business Development Signature:

Date:

7-16-18

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

DTPW is recommending

7.44% SBE Construction Goal

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