

SBD - CM Review Form

To:	Project Review & Analysis - Construction	
From:	SBD CM - Eddy V. Etienne Jr.	
Department:	Transportation and Public Works Department	Contact: James Ferrerira
Date:	7/24/2018	Resubmittal: No

PROJECT NUMBER:	20180104
PROJECT TITLE:	Joint Participation Agreement (JPA) between Miami-Dade County and the City of Hialeah for Roadway Improvement Project along NW 102 Avenue from NW 138 Street to NW 145 Place
PROJECT LOCATION:	NW 102 NW 102 Avenue from NW 138 Street to NW 145 Place

SCOPE OF WORK/DESCRIPTION: Work includes design and construction services for the widening of one additional lane along NW 102 Avenue between NW 138 Street and NW 145 Place. This JPA between Miami-Dade County and the City of Hialeah (the City) will facilitate a road improvement 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 road improvements including the widening one additional lane along NW 102 Avenue between NW 138 Street and NW 145 Place.

The City shall procure the services of a licensed consultant to design the Project and a licensed contractor holding an engineering contractor's license to construct the Project. The City 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 consultant and contractor, the City 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

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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.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Prime Contractor			
MOBILIZATION (2.5%)	\$77,735.04	1.94%	Must meet project special requirements. *Possible opportunities for Small Businesses
MAINTENANCE OF TRAFFIC (5%)	\$155,470.09	3.87%	
SEDIMENT BARRIER	\$17,025.00	0.42%	
CLEARING & GRUBBING	\$7,630.40	0.19%	
REGULAR EXCAVATION	\$23,296.00	0.58%	
EMBANKMENT	\$84,224.00	2.10%	
TYPE B STABILIZATION, LBR-40, 12"	\$21,153.15	0.53%	
OPTIONAL BASE, BASE GROUP 06, 8" LIMEROCK BASE OPTION	\$204,025.82	5.08%	
SUPERPAVE ASPHALTIC CONCRETE (SP-12.5) (2" THICK)	\$174,680.00	4.35%	
FRICITION COURSE FC-9.5, PG 76-22 (1" THICK)	\$109,175.00	2.72%	
CONCRETE - GRAVITY WALL	\$1,490,806.34	37.15%	
STEEL - RETAINING WALLS	\$43,920.00	1.09%	
CURB INLET TYPE P-5	\$8,000.00	0.20%	
CURB INLET TYPE P-6	\$26,400.00	0.66%	
CURB INLET TYPE J-5	\$16,250.00	0.40%	
CURB INLET TYPE J-6	\$65,000.00	1.62%	
MANHOLE TYPE J-7	\$44,000.00	1.10%	
18" PIPE CULVERT (STORM SEWER)	\$91,000.00	2.27%	
FRENCH DRAIN (18" PIPE)	\$354,000.00	8.82%	
DETECTABLE WARNING	\$2,991.00	0.07%	
CONDUIT (UNDERGROUND), OPEN TRENCH	\$603.35	0.02%	
SIGNAL CABLE, REPAIR/REPL-FUR & INSTALL	\$736.89	0.02%	
PULL BOX	\$1,318.00	0.03%	
MAST ARM ASSEMBLY (36')	\$30,819.44	0.77%	
MAST ARM ASSEMBLY (REMOVE)	\$2,666.36	0.07%	
TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3	\$2,009.66	0.05%	
LOOP ASSEMBLY (TYPE A)	\$2,756.36	0.07%	
INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALI	\$5,964.44	0.15%	
SIGN PANEL, INSTALL, UP TO 12 SF	\$786.50	0.02%	
GROUNDING ELECTRODE	\$1,500.00	0.04%	
CONDUCTORS (INSULATED) (NO. 6)	\$17,407.50	0.43%	
CONDUIT (2" PVC-SCHEDULE 40) (UNDERGROUND)	\$27,550.00	0.69%	
CONDUIT (2" PVC-SCHEDULE 40) (CONC. ENCASED)	\$5,488.00	0.14%	
PULL BOX (SIDEWALK)	\$32,000.00	0.80%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
400 WATT HPS VAPOR LUMINAIRE (COBRA HEAD)	\$11,196.00	0.28%	
LIGHTING POLE COMPLETE (45'-ALUM)	\$84,000.00	2.09%	
LOAD CENTER	\$34,000.00	0.85%	
TRENCHING (INCLUDING BACKFILL)	\$14,940.00	0.37%	
Sub Contractor			
CONCRETE CURB AND GUTTER TYPE "F"	\$103,700.00	2.58%	
CONCRETE SIDEWALK (4" THICK)	\$142,125.00	3.54%	
CONCRETE SIDEWALK (6" THICK)	\$10,000.00	0.25%	
WATER INCL. AT STD. RATES)	\$28,000.00	0.70%	
TREE REMOVAL (COMPLETE)	\$42,000.00	1.05%	
SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	\$5,040.00	0.13%	
SINGLE POST SIGN, REMOVE	\$360.00	0.01%	
RETRO-REFLECTIVE PAVEMENT MARKERS	\$2,000.00	0.05%	
YELLOW, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	\$14.75	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	\$683.76	0.02%	*Possible opportunities for Small Businesses
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	\$5,120.00	0.13%	
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	\$226.51	0.01%	
THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	\$3,760.68	0.09%	
THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	\$2,157.41	0.05%	
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	\$4,857.41	0.12%	
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	\$5,481.02	0.14%	
BASE TOTAL	\$3,648,050.88	90.91%	
Contingency Allowance (10% of Base Estimate)	\$364,805.09	9.09%	
TOTAL AMOUNT	\$4,012,855.97	100.00%	

Small Business Development Signature: 

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

DTPW is recommending 8.86% SBE Construction Goal

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