

SBD - CM Review Form

To:	Project Review & Analysis - Construction		
From:	SBD CM - Eddy V. Etienne Jr.		
Department:	Department of Transportation and Public Works	Contact:	James Ferreira
Date:	8/15/2018	Resubmittal:	No

PROJECT NUMBER:	20180089
PROJECT TITLE:	Improvements to SW 137 Ave from US-1 to SW 200 Street
PROJECT LOCATION:	SW 137 Ave from US-1 to SW 200 Street

SCOPE OF WORK/DESCRIPTION: The work includes but is not limited to the following: Furnishing all supervision, materials, equipment, tools and performing all operations necessary for roadway improvements to SW 137 Ave from US-1 to SW 200 Street. The work consists of a new two lane roadway which will include, but is not limited to: sidewalks (for a portion of the project), curb and gutters, a continuous storm drainage system, signalization, pavement markings and signage, standard roadway lighting system, bicycle facilities, landscaping, a bridge crossing over Canal C-102, a culvert crossing at Canal C-102N, and the filling of the borrow pit at SW 240 Street within the right-of-way limits. The total length of this project is approximately 3.2 miles.

SPECIAL REQUIREMENTS: 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. 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 Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving, Traffic Signals, and Drainage Work Classes.

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.

Demonstrate the experience requirement by:

Providing a detailed description of all projects similar in detail to the Project's Scope of Work described in these Solicitation Documents and in which the Bidder is currently engaged or has completed within the past ten years. List and describe the aforementioned projects and state whether the work was performed for the County, other government clients, or similar size private entities. The description should identify for each project (1) The client, (2) Description of work, (3) Total dollar value of the contract, (4) Contract duration, (5) Customer contact person and phone number for reference, (6) Statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) The results of the project; provide letters of certification of final acceptance or similar project closure documentation and/or Contractor's evaluation/performance; or

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Pursuant to Section 255.20, F.S., the County may consider a bid from a Bidder in good standing, meeting the license requirements above, that has been prequalified 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 in the Flexible Paving, Traffic Signals and Drainage Work Class, Certification of Work Underway, and Status of Contract(s) On Hand.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Prime Contractor			
MOBILIZATION	\$436,297.11	3.09%	
SEDIMENT BARRIER	\$51,572.16	0.36%	
FLOATING TURBIDITY BARRIER	\$5,683.86	0.04%	
SOIL TRACKING PREVENTION DEVICE	\$4,624.66	0.03%	
INLET PROTECTION SYSTEM	\$11,628.90	0.08%	
CLEARING AND GRUBBING	\$295,115.04	2.09%	
PLUGGING WATER WELL - ARTESIAN	\$28,750.00	0.20%	
MAILBOX, F&I SINGLE	\$523.38	0.00%	
REGULAR EXCAVATION	\$51,887.36	0.37%	
SUBSOIL EXCAVATION	\$12,503.16	0.09%	
EMBANKMENT	\$221,446.62	1.57%	
TYPE 'B' STABILIZATION (LBR 40)	\$362,957.46	2.57%	
OPTIONAL BASE, BASE GROUP 06 (LIMEROCK BASE)	\$1,179,197.41	8.34%	
MILLING EXISTING ASPHALT PAVEMENT 1" (AVG. DE	\$11,859.05	0.08%	
TYPE SP-12.5 SUPERPAVE ASPHALTIC CONCRETE, STP	\$733,703.27	5.19%	
ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC C,	\$557,867.06	3.95%	
ASPHALTIC CONCRETE FRICTION COURSE, TRAFFIC C,	\$9,425.41	0.07%	
MISCELLANEOUS ASPHALT (2" THICK) (100 LBS/SY)	\$2,523.30	0.02%	
CLASS I CONCRETE	\$12,574.25	0.09%	
PIPE HANDRAIL-GUIDERAIL, ALUMINUM	\$68,437.52	0.48%	
DETECTABLE WARNINGS	\$6,815.00	0.05%	
RIPRAP, SAND-CEMENT	\$25,718.28	0.18%	
GUARDRAIL-ROADWAY, GENERAL/LOW SPEED TL-2	\$1,781.12	0.01%	
GUARDRAIL-ROADWAY, GENERAL TL-3	\$13,057.16	0.09%	
SPECIAL GUARDRAIL POST- DEEP POST FOR SLOPE BF	\$3,864.81	0.03%	
SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR	\$5,050.92	0.04%	
APPROACH TRANSITION CONNECTION TO RIGID BAR	\$3,190.42	0.02%	
APPROACH TRANSITION CONNECTION TO RIGID BAR	\$7,233.15	0.05%	
GUARDRAIL END ANCHORAGE ASSEMBLY/END TREA	\$10,488.20	0.07%	
GUARDRAIL END ANCHORAGE ASSEMBLY/END TREA	\$9,959.95	0.07%	
MAINTENANCE OF TRAFFIC	\$281,332.88	1.99%	
WORK ZONE SIGN	\$81.78	0.00%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
ARROW BOARD/ADVANCE WARNING ARROW PANEL	\$46.16	0.00%	
INLETS (CURB) TYPE P-5 (<10')	\$51,543.80	0.36%	
INLETS (CURB) TYPE P-5, MODIFY	\$48,941.10	0.35%	
INLETS (CURB) TYPE P-6 (<10')	\$27,598.55	0.20%	
INLETS (CURB) TYPE J-5 (<10')	\$121,378.30	0.86%	
INLETS (CURB) TYPE J-5 (>10')	\$87,947.10	0.62%	
INLETS (CURB) TYPE J-5, MODIFIED	\$123,066.72	0.87%	
INLETS (CURB) TYPE J-6 (>10')	\$30,228.90	0.21%	
INLETS (CURB) TYPE J-6 (<10')	\$122,273.35	0.86%	
INLETS (CURB) TYPE J-6, MODIFIED	\$58,400.00	0.41%	
MANHOLES, J-8 (<10')	\$6,486.78	0.05%	
MANHOLES, MDC POLLUTION CONTROL STRUCTURE	\$25,947.12	0.18%	
MANHOLES, J-8 (>10')	\$17,137.40	0.12%	
MANHOLES, MDC POLLUTION CONTROL STRUCTURE	\$17,137.40	0.12%	
ADJUST MANHOLE (UTILITIES) (MIAMI-DADE WATER	\$2,363.24	0.02%	
ADJUST EXISTING VALVE BOXES (MIAMI-DADE COUN	\$5,738.59	0.04%	
ADJUST, RELOCATE, OR REMOVE EXISTING FIRE HYD	\$17,551.44	0.12%	
INLETS (CURB) TYPE P-6, MODIFY	\$9,015.79	0.06%	
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" S/	\$431,170.35	3.05%	
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/	\$16,869.71	0.12%	
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36" S/	\$87,298.27	0.62%	
PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 96" S/	\$63,424.27	0.45%	
U-ENDWALL, WITH GRATE, STD INDEX 260, 1:4 SLOP	\$5,693.34	0.04%	
FRENCH DRAIN, 24" (15 FT BLS)	\$38,290.56	0.27%	
FRENCH DRAIN, 36" (15 FT BLS)	\$2,369,147.30	16.75%	
MANATEE GRATE FOR 36" PIPE, UNHINGED	\$7,214.00	0.05%	
MANATEE SLIDE GATE FOR 36" PIPE (MDC)	\$7,214.00	0.05%	
CONDUIT, F&I, OPEN TRENCH	\$343.98	0.00%	
CONDUIT, F&I, DIRECTIONAL BORE	\$75,135.06	0.53%	
SIGNALS-CABLE-NEW OR RECONSTRUCTED INTERSEC	\$25,761.60	0.18%	
PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE	\$76,294.40	0.54%	
ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, I	\$9,757.56	0.07%	
ELECTRICAL SERVICE WIRE, F&I	\$586.08	0.00%	
ELECTRICAL SERVICE DISCONNECT	\$3,841.56	0.03%	
PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVIC	\$5,817.76	0.04%	
ALUMINUM SIGNALS POLE, PEDESTAL	\$8,207.22	0.06%	
ALUMINUM SIGNALS POLE, REMOVE	\$437.38	0.00%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 30'	\$44,096.40	0.31%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 40'	\$52,899.44	0.37%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 50'	\$134,747.56	0.95%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 60'	\$113,830.53	0.80%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 70'	\$44,757.70	0.32%	
STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 78'	\$93,672.52	0.66%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
STEEL MAST ARM ASSEMBLY, F&I, DOUBLE ARM 70'	\$64,585.15	0.46%	
STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUND	\$15,000.00	0.11%	
TRAFFIC SIGNAL F&I, ALUMINUM, 3 SECTION, 1 WAY	\$24,669.58	0.17%	
TRAFFIC SIGNAL F&I, ALUMINUM, 4 SECTION, 2-4 W	\$2,507.96	0.02%	
TRAFFIC SIGNAL F&I, ALUMINUM, 5 SECTION STRAIG	\$9,088.52	0.06%	
TRAFFIC SIGNAL F&I, PROGRAMMABLE, 3 SECTION, 1	\$4,500.00	0.03%	
TRAFFIC SIGNAL, REMOVE - POLES TO REMAIN	\$226.68	0.00%	
PEDESTRIAN SIGNAL F&I, LED-COUNT DOWN 1 WAY	\$8,024.88	0.06%	
LOOP ASSEMBLY-F&I, TYPE F	\$26,859.84	0.19%	
LOOP ASSEMBLY-F&I, TYPE F MODIFIED (BICYCLE)	\$5,036.22	0.04%	
INDUCTIVE LOOP DETECTOR	\$7,041.90	0.05%	
PEDESTRIAN DETECTOR, F&I, STANDARD	\$2,798.88	0.02%	
TRAFFIC CONTROLLER ASSEMBLY, 170, 1 PREEMPTIC	\$107,534.44	0.76%	
TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTRO	\$1,619.64	0.01%	
INTERNALLY ILLUMINATED SIGN, RELOCATE	\$2,789.20	0.02%	
SINGLE POST SIGN, REMOVE	\$43.42	0.00%	
SIGN PANEL, F&I, OVERHEAD MOUNT UP TO 12 SF	\$539.93	0.00%	
SIGN PANEL, REMOVE, UP TO 12 SF	\$63.88	0.00%	
INTERNALLY ILLUMINATED SIGN F&I, OVERHEAD MC	\$28,027.80	0.20%	
CONDUIT, FURNISH & INSTALL, OPEN TRENCH	\$108,627.48	0.77%	
CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	\$20,220.20	0.14%	
CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	\$3,194.56	0.02%	
PULL & SPLICE BOX, FURNISH & INSTALL, 13"X24" CC	\$73,910.20	0.52%	
LIGHTING CONDUCTORS, FURNISH & INSTALL, INSUL	\$72,081.26	0.51%	
LIGHT POLE COMPLETE, FURNISH & INSTALL, UTILITY	\$94,500.00	0.67%	
LIGHT POLE COMPLETE, FURNISH & INSTALL, STAND	\$286,373.70	2.03%	
LIGHT POLE COMPLETE, REMOVE POLE AND FOUND	\$383.20	0.00%	
LOAD CENTER, FURNISH & INSTALL, SECONDARY VOI	\$47,132.88	0.33%	
POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	\$38,698.50	0.27%	
FLOATING TURBIDITY BARRIER	\$1,270.02	0.01%	
CONC CLASS II, PRECAST DECK OVERLAY	\$42,253.73	0.30%	
CONC CLASS II, APPROACH SLABS	\$41,574.85	0.29%	
BRIDGE DECK GROOVING, LESS THAN 8.5"	\$9,180.02	0.06%	
PLAIN NEOPRENE BEARING PADS	\$7,337.03	0.05%	
REINFORCING STEEL - SUPERSTRUCTURE	\$9,131.94	0.06%	
REINFORCING STEEL- APPROACH SLABS	\$17,498.80	0.12%	
PRESTRESSED SLAB UNITS, WIDTH 60", THICKNESS 1	\$100,100.00	0.71%	
PRESTRESSED SLAB UNITS, VARIABLE WIDTH 30-47"	\$36,349.17	0.26%	
BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTIO	\$4,408.95	0.03%	
BULLET RAILING, SINGLE RAIL	\$4,338.85	0.03%	
BULLET RAILING, DOUBLE RAIL	\$3,533.60	0.02%	
CONCRETE TRAFFIC RAILING, BRIDGE 32" F - SHAPE	\$17,227.65	0.12%	
CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIG	\$4,929.60	0.03%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
CONCRETE CLASS IV, SUBSTRUCTURE	\$62,210.89	0.44%	
REINFORCING STEEL- SUBSTRUCTURE	\$9,567.60	0.07%	
PRESTRESSED CONCRETE PILING, 18" SQ	\$93,269.12	0.66%	
TEST PILES-PRESTRESSED CONCRETE,18" SQ	\$40,058.88	0.28%	
RIP RAP FABRIC-FORMED CONCRETE,8" FILTER POINTS	\$141,450.00	1.00%	
CONC CLASS IV, BULKHEAD	\$119,206.52	0.84%	
CONC CLASS IV, RETAINING WALLS	\$37,009.41	0.26%	
REINFORCING STEEL- RETAINING WALL	\$4,405.38	0.03%	
REINFORCING STEEL- BULKHEAD	\$11,238.64	0.08%	
ANCHOR BAR, STEEL	\$21,634.00	0.15%	
SHEET PILING STEEL, F&I PERMANENT	\$210,825.99	1.49%	
STRUCT STEEL, CARBON	\$246,605.56	1.74%	
CONCRETE CLASS NS, GRAVITY WALL	\$171,050.68	1.21%	
Sub Contractor			
CONCRETE CURB AND GUTTER, TYPE E	\$3,230.01	0.02%	
CONCRETE CURB AND GUTTER, TYPE F	\$642,933.62	4.55%	
TRAFFIC SEPARATOR CONCRETE - TYPE IV, 6' WIDE	\$7,314.02	0.05%	
CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTIO	\$79,067.52	0.56%	
CONCRETE SIDEWALK AND PEDESTRIAN RAMPS, 4" T	\$101,820.80	0.72%	
CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	\$151,697.52	1.07%	
PERFORMANCE TURF, SOD	\$47,722.32	0.34%	
TREE REMOVAL AND DISPOSAL (6" TO 12" DIA.)	\$1,250.00	0.01%	
TREE REMOVAL AND DISPOSAL (GREATER THAN 12"	\$4,500.00	0.03%	
TREE REMOVAL AND DISPOSAL (GREATER THAN 24"	\$2,250.00	0.02%	
TREE REMOVAL AND DISPOSAL (GREATER THAN 36"	\$4,000.00	0.03%	
TREE REMOVAL AND DISPOSAL (GREATER THAN 55"	\$4,500.00	0.03%	
RELOCATION OF TREES GREATER THAN 6" DIAMETER	\$124,500.00	0.88%	
RELOCATION OF TREES GREATER THAN 12" DIAMETE	\$8,000.00	0.06%	
TEMPORARY BARRIER, F&I, CONCRETE	\$13,083.18	0.09%	
TEMPORARY BARRIER, RELOCATE, CONCRETE	\$1,406.40	0.01%	
CHANNELIZING DEVICE - TYPES I, II, VP, DRUM	\$86.06	0.00%	
PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE	\$19.04	0.00%	
TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	\$5,204.48	0.04%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$2,101.57	0.01%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$147.53	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$440.64	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$107.35	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$550.55	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$43.25	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$637.12	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, WHITE	\$476.00	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW	\$2,066.09	0.01%	

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PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW	\$130.71	0.00%	
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW	\$58.63	0.00%	
PATTERNED PAVEMENT, VEHICULAR AREAS - GREEN	\$6,589.03	0.05%	
SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12	\$20,070.60	0.14%	
SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	\$15,004.60	0.11%	
SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	\$3,257.02	0.02%	
SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 1187	\$1,824.96	0.01%	
MULTI-POST SIGN, F&I GROUND MOUNT, 21-30 SF	\$28,892.22	0.20%	
MULTI-POST SIGN, REMOVE	\$690.52	0.00%	
SINGLE POST SIGN, REMOVE	\$347.36	0.00%	
SINGLE POST SIGN, RELOCATE	\$1,005.44	0.01%	
OBJECT MARKER, TYPE 1	\$1,302.64	0.01%	
RETRO-REFLECTIVE PAVEMENT MARKER (W/R)	\$813.75	0.01%	
RETRO-REFLECTIVE PAVEMENT MARKER (Y)	\$6,198.75	0.04%	
PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW	\$331.65	0.00%	
THERMOPLASTIC STANDARD, WHITE, SOLID, 12" FOR	\$2,810.26	0.02%	
THERMOPLASTIC STANDARD, WHITE, SOLID, 18" FOR	\$5,612.08	0.04%	
THERMOPLASTIC STANDARD, WHITE, SOLID, 24" FOR	\$3,612.42	0.03%	
THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR	\$8,084.31	0.06%	
THERMOPLASTIC, STANDARD, WHITE, ARROW	\$6,497.40	0.05%	
THERMOPLASTIC, STANDARD - OTHER SURFACES, WI	\$35,611.36	0.25%	
THERMOPLASTIC, STANDARD - OTHER SURFACES, WI	\$1,709.95	0.01%	
THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6"	\$411.13	0.00%	
THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6"	\$1,027.82	0.01%	
THERMOPLASTIC, STANDARD - OTHER SURFACES, YE	\$38,952.10	0.28%	
THERMOPLASTIC, STANDARD - OTHER SURFACES, YE	\$674.25	0.00%	
THERMOPLASTIC, STANDARD - OTHER SURFACES, YE	\$6,676.52	0.05%	
THERMOPLASTIC, OTHER SURFACES, YELLOW, SKIP, 6"	\$458.56	0.00%	
PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE	\$4,837.44	0.03%	
PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE	\$2,436.35	0.02%	
BASE TOTAL	\$12,855,292.58	90.91%	
Contingency Allowance (10% of Base Estimate)	\$1,285,529.26	9.09%	
TOTAL AMOUNT	\$14,140,821.84	100.00%	

Small Business Development Signature:  Date: 8-15-18

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM
DTPW is recommending 8.47% SBE-Cons