

## SBD – CM REVIEW FORM

<b>To:</b> Business Opportunity Support Division – Construction	
<b>From:</b> SBD CM Vivian Forhat-Diaz	
<b>Department:</b> PWWD	<b>Contact:</b> James Ferreira
<b>Date Received:</b> 03/20/14	<b>RESUBMITTAL:</b> No

<b>PROJECT NUMBER:</b>	20130201
<b>PROJECT TITLE:</b>	People's Transportation Plan Roadway Improvements to SW 264 Street
<b>PROJECT LOCATION:</b>	SW 264 <sup>th</sup> Street from US-1 to SW 137 <sup>th</sup> Avenue

**SCOPE OF WORK/DESCRIPTION:** furnishing all supervision, labor, materials, equipment, and tools to widen the existing roadway to a two-lane divided highway with raised landscaped median, bicycle lanes, on-street parking, sidewalks, curb and gutter, a continuous storm drainage system, signalization, pavement markings and signage, and lighting.

**SPECIAL REQUIREMENTS:** **Prime Contractor** 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. 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 or Drainage Work Class. Prime contractor must demonstrate a minimum of five (5) years of continual experience in projects with scopes comparable to the project scope of work.

For **Prime/sub-contractor** performing Traffic Control Devices or Street Lighting, in addition to the Electrical license, all personnel engaged in installing, modifying, repairing, removing or maintaining: roadway street lighting systems; traffic signalization; or any other electrical/electronic traffic control device in Miami-Dade County must: Perform work under the direction of a Master Electrician that is present at the job site or able to respond within 2 hours of notification (4 hours for roadway street lighting systems); 2) Perform all work under the direct supervision of a Journeyman Electrician. For Traffic Signalization or Control Devices the Journeyman Electrician must be certified as an International Municipal Signal Association (IMSA) certified Traffic Signal Technician (TST) Level II or Level III. All work related at or pertaining to the controller must be performed by an IMSA certified TST Level II (Field).

TRADES/SUBTRADES	AMOUNT	COMMENTS
		<b>PRIME</b>
MAINTENANCE OF TRAFFIC	\$62,624.78	Must meet Special requirements. Primary scope of work includes all line items noted.
User Access Program	\$62,624.78	
BUSINESS SIGNS	\$565.00	
BARRIER WALL	\$81,840.00	
BARRICADES	\$2,146.20	
BARRICADES	\$29,565.00	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 03/25/14

\*Trades/Subtrades identified for possible subcontracting opportunities by SBD CM  
 PWWD is recommending 16% goal for CSBE participation.

**PROJECT NUMBER: 20130201 (Continuation)**

		<b>PRIME</b>
CONSTRUCTION SIGNS (TEMPORARY, POST MOUNTED)	\$5,124.60	Must meet Special requirements. Primary scope of work includes all line items noted
FLASHING ARROW BOARD	\$6,679.50	
HIGH INTENSITY FLASHING LIGHTS	\$6,438.60	
VEHICULAR IMPACT ATTENUATOR	\$9,194.80	
VARIABLE MESSAGE SIGN (TEMPORARY)	\$13,862.70	
PAVEMENT MARKING REMOVABLE (WHITE) (SKIP)	\$2,009.70	
PAVEMENT MARKING REMOVABLE (WHITE) (SOLID)	\$9,795.72	
CLEARING AND GRUBBING	\$313,123.92	
REMOVAL AND DISPOSAL OF EXISTING SLAB COVERED TRENCH	\$6,910.00	
RELOCATION OF EXISTING MAIL BOXES	\$399.99	
REGULAR EXCAVATION	\$55,902.80	
EMBANKMENT	\$22,515.57	
TYPE "B" STABILIZATION	\$95,904.76	
LIMEROCK BASE / LIMEROCK BASE	\$311,863.44	
FLOATING SILT BARRIER	\$701.80	
INLET PROTECTION SYSTEM	\$2,210.80	
STAKED SILT FENCE	\$132.88	
		<b>Paving Contractor</b>
INLET CURB ( TYPE P-5 ) < 10'	\$59,050.88	*Possible Subcontracting opportunities
INLET, CURB (TYPE P-6) < 10'	\$3,936.13	
INLETS [(CURB) (TYPE J-5) < 10'	\$10,892.46	
INLETS [(CURB) (TYPE J-5) (>10)	\$23,121.16	
INLET CURB (TYPE J-6) < 10'	\$14,204.70	
INLET, TYPE P-11 <10'	\$25,433.31	
INLET CURB (TYPE J-11) (>10')	\$33,332.00	
INLETS (CURB) TYPE J-11 < 10'	\$22,000.00	
MANHOLE (TYPE P-7T, ANY DIMENSION, MAXIMUM 15' DEEP)	\$17,959.38	
POLLUTION CONTROL STRUCTURE	\$9,700.00	
ADJUST INLET	\$3,180.00	
ADJUST MANHOLE	\$2,663.29	
ADJUST EXISTING VALVE BOXES	\$2,985.22	
ADJUST AND/OR RELOCATE EXISTING FIRE HYDRANTS	\$10,633.35	
PIPE CULVERT- 15" DIAMETER / PIPE CULVERT (15" SS)	\$51,226.62	
PIPE CULVERT- 18" DIAMETER	\$2,591.70	
PIPE CULVERT- 24" DIAMETER	\$32,948.22	
PIPE CULVERT- 36" DIAMETER	\$5,244.48	
EXFILTRATION DRAIN- 36" DIAMETER	\$442,316.22	
MILLING, 1" AVERAGE DEPTH	\$3,706.56	
HOT MIX ASPHALT SP-12.5 TRAFFIC C	\$268,803.30	
HOT MIX ASPHALT FRICTION COURSE, TRAFFIC C (FC-9.5)(1" THCK)	\$170,216.81	
MISCELLANEOUS ASPHALT PAVEMENT	\$5,465.79	
TEMPORARY ASPHALT	\$106,439.64	
CURB RAMP DETECTABLE WARNING SURFACE	\$16,877.70	

PWWD is recommending **16% goal** for CSBE participation.

**PROJECT NUMBER: 20130201 (Continuation)**

<b>Concrete Contractor</b>		
CONCRETE CURB AND GUTTER , TYPE "F" (6" CURB, 18" GUTTER) (INCLUDES COST OF LIMEROCK)	\$160,740.64	*Possible Subcontracting opportunities
CONCRETE VALLEYGUTTER [(2' WIDE)(INCLUDES BASE PREPARATION)]	\$57,466.50	
CONCRETE CURB (TYPE "D")	\$66,510.64	
CONCRETE TRAFFIC SEPARATOR (TYPE IV / TYPE I) 4' WIDE	\$50,216.94	
CONCRETE SIDEWALK (4" THICK RESTORATION AND NEW , CLASS I CONCRETE, 3000 P.S.I.) (INCLUDING PEDESTRIAN RAMPS)	\$187,591.05	
CONCRETE SIDEWALK (6" THICK, 3000 P.S.I. CONCRETE AT 28 DAYS) (INCLUDES DRIVEWAYS)	\$43,349.24	
RIP RAP SAND-CEMENT END WALL	\$335.28	
<b>Fence Contractor</b>		
GUARDRAIL (ROADWAY) (INCLUDES THE COST OF SHOP PANELS)	\$1,838.70	*Possible Subcontracting opportunities
FENCING (SPECIAL TYPE)(5.1' TO 6' HEIGHT)(RESET EXISTING)	\$24,000.00	
<b>Pavement Marking Contractor</b>		
INTERNALLY ILLUMINATED SIGN	\$10,773.32	*Possible Subcontracting opportunities
ROADSIDE SIGN INCLUDING POST AND STRAPS (SEE PLAN SHEET FOR SIGN DESCRIPTION)	\$10,392.06	
REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-DIRECTIONAL) AMBER/AMBER	\$576.58	
PAVEMENT MESSAGES [(ONLY/MERGE/SCHOOL/RR) (THERMOPLASTIC)]	\$5,493.00	
DIRECTIONAL ARROWS (THERMOPLASTIC)	\$929.92	
GUIDELINES [(6" DOTTED) (2'-4' WHITE) (THERMOPLASTIC)]	\$868.00	
SOLID TRAFFIC STRIPE (6" WHITE) (THERMOPLASTIC)	\$5,963.88	
SOLID TRAFFIC STRIPE (12" WHITE) (THERMOPLASTIC)	\$3,876.30	
SOLID TRAFFIC STRIPE (18" WHITE) (THERMOPLASTIC)	\$315.21	
SOLID TRAFFIC STRIPE (24" WHITE) (THERMOPLASTIC)	\$1,214.10	
SOLID TRAFFIC STRIPE (6" YELLOW) (THERMOPLASTIC)	\$7,120.00	
SOLID TRAFFIC STRIPE (18" YELLOW) (THERMOPLASTIC)	\$243.36	
<b>Electrical Contractor</b>		
GROUNDING ELECTRODE	\$8,780.00	Must meet Special requirements. *Possible Subcontracting opportunities
CONDUCTOR, F&I, INSULATED NO. 6 (G)	\$20,992.00	
CONDUIT PVC SCHEDULE 40, 2"	\$45,223.00	
CONDUIT RIGID GALVANIZED STEEL, 1 1/2"	\$50.00	
CONDUIT RIGID GALVANIZED STEEL, 2"	\$27,364.40	
PULLBOX, SIDEWALK	\$7,374.92	
LOAD CENTER (INCLUDES SWITCH, WEATHERHEAD AND WIRE AT SERVICE POINT)	\$6,386.40	
ELECTRIC SERVICE & COORDINATION	\$1,077.17	
DECORATIVE LIGHT POLE	\$237,937.70	
POLE CABLE DISTRIBUTION SYSTEM [(CONVENTIONAL KIT) (FURNISH AND INSTALL)]	\$47,659.15	

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**PROJECT NUMBER: 20130201 (Continuation)**

		<b>Electrical Contractor</b>
CONDUIT 2" PVC UNDER PAVEMENT (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASE OR ELIMINATED BY THE ENGINEER)	\$3,083.60	*Possible Subcontracting opportunities
PULL BOX, METER TYPE (POLYMER)	\$944.30	
MAST ARM STANDARD (48' ARM) (DS-20)	\$16,609.73	
TRAFFIC SIGNAL (1 WAY, 3 SECTIONS, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET & LAMPS)	\$1,022.67	
TRAFFIC SIGNAL, (1 WAY, 5 SECTION, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET AND LAMPS)	\$1,544.10	
RELOCATION OF TRAFFIC SIGNAL HEAD (1 way 3 section)	\$800.00	
RELOCATION OF TRAFFIC SIGNAL HEAD (1 way 5 section)	\$800.00	
PEDESTRIAN SIGNAL, LED COUNTDOWN (1 DIRECTION)	\$5,747.10	
LOOP VEHICLE DETECTOR AMPLIFIER ( RELAY OUTPUT- RACK MOUNTED TYPE 170 CABINET)	\$442.90	
PEDESTRIAN DETECTOR (INCLUDES PUSH BUTTON SIGN)	\$666.40	
REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	\$72.36	
REMOVE PEDESTRIAN SIGNAL HEAD ASSEMBLY	\$375.10	
REMOVE TRAFFIC POLES	\$1,025.00	
		<b>Open</b>
SODDING (PENSACOLA BAHIA OR MATCH EXISTING)(INCLUDES WATERING AND MAINTENANCE). (THIS ITEM IS CONTINGENT UPON FIELD CONDITION AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER).	\$23,368.00	Not a construction trade
TREE REMOVAL AND DISPOSAL (6" to 12" Dia.)	\$1,898.05	
TREE REMOVAL AND DISPOSAL (12" to 24" Dia.)	\$3,316.82	
TREE REMOVAL AND DISPOSAL (24" to 36" Dia.)	\$1,513.52	
TREE REMOVAL AND DISPOSAL (36" or greater.)	\$1,297.30	
2" PVC SCH. 40 (IRRIGATION SLEEVE)	\$7,040.00	
4" PVC SCH. 40 (IRRIGATION SLEEVE)	\$8,320.00	
<b>ESTIMATED BASE TOTAL</b>	<b>\$3,569,612.68</b>	
CONTINGENCY ALLOWANCE (10% BASE ESTIMATE)	\$356,961.25	
<b>BASE TOTAL INCLUDING CONTINGENCY</b>	<b>\$3,926,573.94</b>	
OFF-DUTY LAW ENFORCEMENT OFFICER	\$30,000.00	
BITUMINOUS MATERIAL ADJUSTMENT	\$15,000.00	
ALLOWANCE PERMITS	\$40,000.00	
FPL CONNECTION ALLOWANCE	\$3,600.00	
<b>TOTAL ESTIMATED COST</b>	<b>\$4,015,173.95</b>	

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