

## SBD – CM REVIEW FORM

To: Business Opportunity Support Division – Construction  
 From: SBD CM Vivian Forhat-Diaz  
 Department: PWWD  
 Date: 07/29/14

Contact: Jean Bernard Philippeaux  
**RESUBMITTAL: Yes**

**PROJECT NUMBER:** RPQ# 20130272-R  
**PROJECT TITLE:** Push-Button Contract for Traffic Signal Improvements  
**PROJECT LOCATION:** Various locations South Area

**SCOPE OF WORK/DESCRIPTION:** Includes all supervision, labor, materials, equipment, and tools to perform traffic signal improvements and installations including any ancillary work. Traffic signalization upgrades includes the installation of mast arms, traffic controller assemblies, and milling and resurfacing. Contractor to furnish and install grounding electrodes, conduits, pull boxes, foundations, pedestrian signal heads with push buttons and signs, overhead signs, Internally Illuminated Street Name Signs, mounting hardware, loop assemblies, and signal cable. Additional work also includes installation of pedestrian ramps, ground mounted signs, pavement markings, construction of side walk, curb and gutter, installation of truncated dome, and removing existing signs and traffic signalization devices in conflict with the proposed scope of work.

**SPECIAL REQUIREMENTS:** Prime Contractor must demonstrate a minimum of five (5) years of continual experience in projects with scopes comparable to the Project Scope of Work. All work must be performed under the direction of a Master Electrician or 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>
Barricades (Temporary, Type III < 6')	\$216.00	Prime must meet special requirements. Primary scope of work includes all line items noted.
Barricades (Temporary, Types I, II, & VP)	\$580.00	
FLASHING ARROW BOARD (Temporary, Multimode)	\$1,170.00	
HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	\$68.00	
PAVEMENT MARKING TEMPORARY (Skip) (Any width) (Yellow or White)	\$1,500.00	
SODDING	\$140.00	
TREE TRIMMING	\$450.00	
GROUNDING ELECTRODE	\$5,040.00	
CONDUIT 2" PVC UNDER GROUND	\$3,600.00	
CONDUIT 2" PVC UNDER PAVEMENT	\$6,800.00	
CONDUIT 2" PVC (UNDER GROUND DIRECTIONAL BORE)	\$4,400.00	
CONDUIT, 2" PVC (Additional conduit installed in existing open trench)	\$1,600.00	
TRAFFIC CONTROL CABLE - (11-21 conductor)	\$9,000.00	
TRAFFIC CONTROL CABLE - (4-7 conductor)	\$16,800.00	
PULL BOX, METER TYPE (Polymer)	\$12,552.00	
ELECTRICAL POWER SERVICES (INCLUDES NEMA-3R RAIN-TIGHT)	\$8,000.00	
SERVICE WIRE (#6 AWG WITH THW INSULATION)	\$3,900.00	
Prestressed Concrete Poles (Furnish and Install)	\$2,260.00	

Small Business Development Signature: Vivian Forhat-Diaz Date: 07/29/14

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

PWWD is recommending Trade Set-Aside for CSBE participation.

**PROJECT NUMBER: RPQ 2013272-R (Continuation)**

		<b>PRIME</b>
ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)	\$5,150.00	Prime must meet special requirements. Primary scope of work includes all line items noted.
MAST ARM COMBINATION, STD DADE CO. CLASS DS-12 (32' ARM)	\$13,433.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-14 (36' ARM)	\$15,533.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-17 (42' ARM)	\$58,101.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-18 (44' ARM)	\$19,900.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-25 (46' ARM)	\$40,414.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-28 (52' ARM)	\$25,100.00	
MAST ARM COMBINATION, STD DADE CO. CLASS DS-28 (58' ARM)	\$28,500.00	
TRAFFIC SIGNAL (Furnish and Install) (3 SECTION, 1 WAY)	\$8,536.00	
TRAFFIC SIGNAL (Furnish and Install) (4 SECTION, 1 WAY)	\$5,268.00	
TRAFFIC SIGNAL (Furnish and Install) (5 SECTION, 1 WAY)	\$6,360.00	
PEDESTRIAN SIGNAL, 1-Way (LED-Countdown)	\$14,560.00	
SIGNAL HEAD AUXILIARIES (MOUNTING BRACKET , 2 WAY)	\$1,335.00	
LOOP VEHICLE DETECTOR AMPLIFIER (RELAY OUTPUT)	\$380.00	
LOOP ASSEMBLY	\$4,532.00	
LOOP ASSEMBLY, F&I, Type F	\$7,998.00	
LOOP LEAD IN CABLE (No. 14 A.W.G.)	\$1,860.00	
PEDESTRIAN DETECTOR (Includes Push Button Sign R10-3B)	\$1,888.00	
INSTALL TRAFFIC CONTROLLER ASSEMBLY - (Build-up controller & components furnished by County. Contractor to construct foundation, install and wire controller & components for a complete installation)	\$9,666.00	
INTERNALLY ILLUMINATED STREET NAME SIGN (LED)	\$12,264.00	
SINGLE POST SIGN (Furnish & Install) (Less than 12)	\$1,160.00	
SINGLE POST SIGN (relocate)	\$908.00	
REMOVAL OF SIGN AND POST	\$912.00	
SIGN PANEL INSTALLATION	\$1,212.00	
		<b>Pavement Marking Contractor</b>
REFLECTIVE PAVEMENT MARKERS (CLASS BALL COLORS)	\$512.00	*Possible sub-contracting opportunities
THERMOPLASTIC (White) (Solid) (6")	\$500.00	
THERMOPLASTIC (White) (Solid) (12")	\$1,344.00	
THERMOPLASTIC (White) (Solid) (24")	\$6,700.00	
THERMOPLASTIC (White) (Dotted/Guideline) (6")	\$400.00	
THERMOPLASTIC (White) (Arrows)	\$744.00	
THERMOPLASTIC (Yellow) (Skip) (6")	\$380.00	
THERMOPLASTIC (Yellow) (Dotted/Guideline) (6")	\$415.00	
THERMOPLASTIC (Yellow) (Solid) (6")	\$1,800.00	
REMOVAL OF EXISTING THERMOPLASTIC PAVEMENT MARKINGS	\$1,300.00	
		<b>Paving Contractor</b>
MILLING EXISTING PAVEMENT (1")	\$9,830.00	*Possible sub-contracting opportunities
HOT MIX ASPHALT, TRAFFIC C, SP-9.5	\$5,866.80	

PWWD is recommending Trade Set-Aside for CSBE participation

PROJECT NUMBER: RPQ 2013272-R (Continuation)

		Concrete Contractor
REMOVAL AND DISPOSAL OF EXISTING CONCRETE SIDEWALK	\$831.90	*Possible sub-contracting opportunities
REMOVE AND DISPOSE EXISTING CURB & GUTTER	\$778.40	
CONCRETE CURB AND GUTTER (Any type, Including base preparation)	\$2,500.00	
CONCRETE SIDEWALK (4" Thick restoration and new, Class I Concrete, 3000 P.S.I) (including pedestrian ramps and sidewalk curbs)	\$3,441.55	
CONCRETE SIDEWALK (6" THICK) (Includes driveways)	\$1,111.00	
DETECTABLE WARNING ON WALKING SURFACE	\$960.00	
<b>BASE ESTIMATE</b>	<b>\$402,440.65</b>	
<b>Contingency</b>		
CONTINGENCY ALLOWANCE (% OF BASE ESTIMATE)	\$40,244.07	
<b>ESTIMATED COST</b>	<b>\$442,684.72</b>	
<b>Allowances</b>		
MOBILIZATION	\$1,000.00	
MAINTENANCE OF TRAFFIC	\$8,048.81	
OFF-DUTY LAW ENFORCEMENT OFFICER	\$4,000.00	
FPL CONNECTION ALLOWANCE	\$1,000.00	
ALLOWANCE PERMITS	\$296.00	
<b>GRAND TOTAL</b>	<b>\$457,029.53</b>	