

SBD – CM REVIEW FORM

To: Business Opportunity Support Division – Construction

From: SBD CM Vivian Forhat-Diaz

Department: PWWD

Date: 04/07/14

Contact: Jean Bernard Philippeaux

RESUBMITTAL: No

PROJECT NUMBER: RPQ 20140051

PROJECT TITLE: Push-Button Contract for Traffic Signal Improvements

PROJECT LOCATION: Various locations North 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
		PRIME
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)	\$560.00	
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) (Paint) (10' stripe, 30' space)	\$1,500.00	
SODDING	\$350.00	
TREE TRIMMING	\$450.00	
GROUNDING ELECTRODE	\$5,040.00	
CONDUIT 2" PVC UNDER GROUND	\$3,600.00	
CONDUIT 2" PVC UNDER PAVEMENT (Contingent)	\$10,200.00	
CONDUIT 2" PVC (UNDER GROUND DIRECTIONAL BORE)	\$8,800.00	
CONDUIT, 2" PVC (Additional conduit installed in existing open trench)	\$1,600.00	
TRAFFIC CONTROL CABLE - (11-21 conductor)	\$6,000.00	
TRAFFIC CONTROL CABLE - (4-7 conductor)	\$16,800.00	
PULL BOX, METER TYPE (Polymer)	\$17,259.00	
ELECTRICAL POWER SERVICES; OVERHEAD METER Purchase from Power Co.	\$8,000.00	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 04/08/14

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

PWWD is recommending Trade Set-Aside for CSBE participation.

PROJECT NUMBER: RPQ 2013251 (Continuation)

		PRIME
SERVICE WIRE(#6 AWG WITH THW INSULATION) (\$2,400.00	Prime must meet special requirements. Primary scope of work includes all line items noted.
Prestressed Concrete Poles (Furnish and Install) (Type P-II Service Pole)	\$2,260.00	
ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)	\$6,180.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-12 (24' ARM)	\$13,200.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-13 (34' ARM)	\$15,166.67	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-14 (36' ARM)	\$17,300.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-17 (48' ARM)	\$23,007.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-25 (50' ARM)	\$25,100.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-28 (52' ARM)	\$25,100.00	
MAST ARM COMBINATION, STANDARD DADE CO. CLASS DS-28 (58' ARM)	\$28,500.00	
TRAFFIC SIGNAL (Furnish and Install) (3 SECTION, 1 WAY), (Complete with horizontal mounting brackets and lamps) (LED)	\$8,536.00	
TRAFFIC SIGNAL (Furnish and Install) (4 SECTION, 1 WAY), (Complete with horizontal mounting brackets and lamps) (LED)	\$5,268.00	
TRAFFIC SIGNAL (Furnish and Install) (5 SECTION, 1 WAY), (Complete with horizontal mounting brackets and lamps) (LED)	\$6,360.00	
PEDESTRIAN SIGNAL, 1-Way (LED-Countdown)	\$9,100.00	
SIGNAL HEAD AUXILIARIES (MOUNTING BRACKET , 2 WAY)	\$1,602.00	
LOOP VEHICLE DETECTOR AMPLIFIER (RELAY OUTPUT - RACK MOUNTED TYPE 170 CABINET)	\$190.00	
LOOP ASSEMBLY, F&I, Type F	\$11,997.00	
LOOP LEAD IN CABLE (No. 14 A.W.G.)	\$1,860.00	
PEDESTRIAN DETECTOR (Includes Push Button Sign R10-3B)	\$1,416.00	
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), (INCLUDING MOUNTING BRACKET)	\$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 (Mast arm, or span wire mount, County furnish sign only. Contractor furnishes accessories, straps, cables, brackets, connectors, etc.)	\$1,212.00	
		Pavement Marking Contractor
REFLECTIVE PAVEMENT MARKERS (CLASS B, MONO OR BI-DIRECTIONAL, ALL 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) (Message)	\$15,000.00	
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	

PWWD is recommending **Trade Set-Aside** for CSBE participation

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		Paving Contractor
MILLING EXISTING PAVEMENT [(1")(Payment for greater cuts will be paid proportionally)]	\$26,541.00	*Possible sub-contracting opportunities
Hot Mix Asphalt, Traffic C, SP-9.5	\$11,733.60	
		Concrete Contractor
REMOVAL AND DISPOSAL OF EXISTING CONCRETE SIDEWALK (up to 8" thick)	\$554.60	*Possible sub-contracting opportunities
REMOVE AND DISPOSE EXISTING CURB & GUTTER	\$778.40	
CONCRETE CURB AND GUTTER (Any type, Including base preparation)	\$7,750.00	
CONCRETE SIDEWALK (4" Thick restoration and new, Class I Concrete, 3000 P.S.I) (including pedestrian ramps and sidewalk curbs	\$2,949.90	
CONCRETE SIDEWALK (6" THICK) (Includes driveways)	\$2,222.00	
DETECTABLE WARNING ON WALKING SURFACE	\$1,440.00	
BASE ESTIMATE	\$395,342.17	
Contingency		
CONTINGENCY ALLOWANCE (% OF BASE ESTIMATE)	\$39,534.22	
ESTIMATED COST	\$435,586.24	
Allowances		
MOBILIZATION	\$1,000.00	
Controller from TSS	\$30,000.00	
MAINTENANCE OF TRAFFIC	\$8,048.81	
OFF-DUTY LAW ENFORCEMENT OFFICER	\$4,000.00	
FPL CONNECTION ALLOWANCE	\$1,000.00	
ALLOWANCE PERMITS	\$296.00	
GRAND TOTAL	\$479,079.23	