

SBD – CM REVIEW FORM

To: Business Opportunity Support Division – Construction From: SBD CM Vivian Forhat-Diaz Department: PWWD Date: 01/28/14	Contact: James Ferreira RESUBMITTAL: No
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PROJECT NUMBER:	RPQ 20140012
PROJECT TITLE:	Roadway Improvements to N.W. 36 th Ave Phase I
PROJECT LOCATION:	N.W. 36 th Ave from N. River Drive to N.W. 36 th Street

SCOPE OF WORK/DESCRIPTION: Furnishing all supervision, labor, materials, equipment, and tools to provide roadway improvements to N.W. 36 th Ave including sidewalks, curb and gutter, drainage, signalization, pavement markings and signage, and roadway lighting. SPECIAL REQUIREMENTS: None
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TRADES/SUBTRADES	AMOUNT	COMMENTS
		PRIME
SODDING (PENSACOLA BAHIA OR MATCH EXISTING) (INCLUDES WATERING)	\$380.92	Licenses required: General Engineering or Specialty Engineering Contractor to include Paving Engineering or FDOT (Flexible Paving Work Class) Certificate.
BUSINESS SIGNS (TEMPORARY, POST MOUNTED)	\$678.00	
BARRIER WALL (F&I)	\$12,276.00	
BARRIER WALL (RELOCATION)	\$5,280.00	
BARRICADES (TEMPORARY- TYPE I, II, VP & DRUM).	\$442.26	
BARRICADES (TEMPORARY, TYPE III, 6')	\$267.54	
CONSTRUCTION SIGNS (TEMPORARY, POST MOUNTED)	\$608.40	
FLASHING ARROW BOARD (TEMPORARY, MULTIMODE) / ADVANCE WARNING ARROW PANEL	\$1,427.40	
HIGH INTENSITY FLASHING LIGHTS (TEMPORARY, TYPE "B")	\$3,822.00	
VEHICULAR IMPACT ATTENUATOR (INCLUDING RELOCATION & RESET) (TO BE USED WHEN REQUIRED FOR MAINTENANCE OF TRAFFIC AND APPROVED BY THE ENGINEER)	\$4,597.40	
VARIABLE MESSAGE SIGN (TEMPORARY)	\$379.80	
PAVEMENT MARKING REMOVABLE (WHITE) (SKIP)	\$1,575.00	
PAVEMENT MARKING REMOVABLE (WHITE) (SOLID)	\$3,080.00	
SEDIMENT BARRIER	\$116.00	
CLEARING AND GRUBBING (INCLUDES REMOVAL OF EXISTING SIDEWALK, FLEXIBLE PAVEMENT, CURB AND GUTTER, DRAINAGE STRUCTURES, VEGETATION, TREES AND ANY DEBRIS TO BE DISPOSED OF IN LEGAL AREAS PROVIDED BY THE CONTRACTOR <i>(ASSUME 10% OF BASE ESTIMATE)</i>)	\$73,128.73	
REGULAR EXCAVATION	\$4,420.00	
EMBANKMENT (INCLUDES BORROW) (THIS ITEM IS CONTINGENT UPON EXISTING FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	\$1,609.30	
TYPE "B" STABILIZATION (12" THICK) (MIN. C.B.R. 30)	\$8,350.00	
LIMEROCK BASE [(8" THICK) (DOUBLE COURSE) (PRIMED)] / LIMEROCK BASE (8" THICK, PRIMED)	\$27,037.85	

Small Business Development Signature: *Vivian Forhat Diaz* Date: 01/28/14

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

PWWM is recommending 14.00% CSBE participation

PROJECT NUMBER: 20140012 (Continuation)

		Paving Contractor
INLET, CURB (TYPE P-6)< 10'	\$7,872.26	*Possible Subcontracting opportunities
INLET, TYPE P-11 <10'	\$7,266.66	
POLLUTION RETARDANT BAFFLE (ANY TYPE) (ANY DIMENSION)	\$1,181.25	
MANHOLE (P-7T)(<10')	\$11,593.60	
PIPE CULVERT- 15" DIAMETER / PIPE CULVERT (15" SS)	\$3,113.22	
PIPE CULVERT (ELLIPTICAL) 24"	\$876.00	
EXFILTRATION DRAIN (24" DIAMETER) (ALUMINIZED CORRUGATED STEEL PIPE CULVERT) (2-2/3"X1/2", 16 GAUGE) (INCLUDES THE COST OF PERFORATED PIPE, BALLAST ROCK, EXCAVATION AND BACKFILLING WITH SELECT FILL MATERIAL)	\$40,400.22	
MILLING EXISTING ASPHALT PAVEMENT (1" AVERAGE DEPTH)	\$29,686.14	
HOT MIX ASPHALT SP-12.5 TRAFFIC C	\$25,835.90	
HOT MIX ASPHALT FC-9.5 TRAFFIC C (1") Rubber	\$83,290.10	
TEMPORARY ASPHALT	\$13,231.20	
CURB RAMP DETECTABLE WARNING SURFACE	\$3,112.20	
CONCRETE CURB AND GUTTER , TYPE "F" (6" CURB, 18" GUTTER) (INCLUDES COST OF LIMEROCK)	\$12,623.16	*Possible Subcontracting opportunities
CONCRETE SIDEWALK (4" THICK RESTORATION AND NEW ,CLASS I CONCRETE, 3000 P.S.I) (INCLUDING PEDESTRIAN RAMPS)	\$10,767.15	
CONCRETE SIDEWALK (6" THICK, 3000 P.S.I. CONCRETE AT 28 DAYS) (INCLUDES DRIVEWAYS)	\$9,020.44	
		Pavement Marking Contractor
INTERNALLY ILLUMINATED SIGN	\$18,853.31	*Possible subcontracting opportunities
ROADSIDE SIGN INCLUDING POST AND STRAPS (SEE PLAN SHEET FOR SIGN DESCRIPTION)	\$2,721.73	
REMOVE EXISTING ROADSIDE SIGNS <12 S.F.	\$200.00	
RELOCATE EXISTING STOP SIGN, SINGLE POST	\$522.50	
SIGN PANEL (LESS THAN 15 SF.)	\$333.48	
REFLECTIVE PAVEMENT MARKERS PERMANENT (BI-DIRECTIONAL) AMBER/AMBER	\$957.94	
REFLECTIVE PAVEMENT MARKERS PERMANENT (CLEAR AND RED)	\$509.58	
SKIP TRAFFIC STRIPE (10' STRIPE, 30' SPACE) (6" WIDE) (WHITE, THERMOPLASTIC)	\$1,530.80	
SKIP TRAFFIC STRIPE (6' STRIPE, 10' SPACE) (WHITE THERMOPLASTIC) (6" WIDE)	\$78.54	
DIRECTIONAL ARROWS (THERMOPLASTIC)	\$581.20	
SKIP TRAFFIC STRIPE (6'-10') 6" YELLOW THERMOPLASTIC	\$67.94	
SOLID TRAFFIC STRIPE (6" WHITE) (THERMOPLASTIC)	\$4,211.22	
SOLID TRAFFIC STRIPE (12" WHITE) (THERMOPLASTIC)	\$1,051.38	
SOLID TRAFFIC STRIPE (18" WHITE) (THERMOPLASTIC)	\$104.28	
SOLID TRAFFIC STRIPE (24" WHITE) (THERMOPLASTIC)	\$795.20	
SOLID TRAFFIC STRIPE (6" YELLOW) (THERMOPLASTIC)	\$4,433.60	
SOLID TRAFFIC STRIPE (18" YELLOW) (THERMOPLASTIC)	\$585.00	

PWWM is recommending 14.00% CSBE participation

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		Electrical/ Electrical Traffic Signal Contractor
GROUNDING ELECTRODE	\$4,249.00	*Possible Subcontracting opportunities
CONDUIT 2" PVC, UNDERGROUND	\$5,650.20	
CONDUIT 2" PVC UNDER PAVEMENT (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASE OR ELIMINATED BY THE ENGINEER)	\$17,078.40	
CONDUIT 2" PVC INSTALLED IN OPEN TRENCH (THIS ITEM IS CONTINGENT UPON FIELD CONDITIONS AND MAY BE INCREASED, DECREASED OR ELIMINATED BY THE ENGINEER)	\$11,257.40	
TRAFFIC CONTROL CABLE (11-21 CONDUCTOR)	\$4,101.30	
TRAFFIC CONTROL CABLE (4-7 CONDUCTOR)	\$4,984.80	
PULL AND JUNCTION BOXES (INCLUDING GROUNDING ELECTRODE)	\$14,823.20	
ELECTRICAL POWER SERVICES (INCLUDES NEMA-3R RAIN-TIGHT INCLOSURE, DISCONNECT SWITCH, POLE CONDUIT)	\$4,735.96	
SERVICE WIRE[(#6 AWG WITH THW INSULATION)(THREE CONDUCTOR SET)(BLACK,WHITE AND GREEN)]	\$1,125.60	
Prestressed Concrete Poles (F & I) (Type P II Service Pole)	\$4,000.00	
ALUMINUM SIGNALS POLE, (Furnish & Install) (Pedestal)	\$3,000.00	
MAST ARM COMBINATION STANDARD, DADE CO. CLASS DS-12	\$12,045.32	
MAST ARM STANDARD [(56' ARM) (DS-24) SPECIAL DESIGN]	\$22,545.75	
Steel Mast Arm Assembly, (F&I), Wind Speed 150 MPH, Single Arm, (36)	\$20,000.00	
Steel Mast Arm Assembly, (F&I), Wind Speed 150 MPH, Single Arm, (46)	\$61,500.00	
TRAFFIC SIGNAL (1 WAY, 3 SECTIONS, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET & LAMPS)	\$15,340.05	
TRAFFIC SIGNAL, (1 WAY, 5 SECTION, 12" STANDARD ALUMINUM) (COMPLETE WITH HORIZONTAL MOUNTING BRACKET AND LAMPS)	\$1,544.10	
PEDESTRIAN SIGNAL, LED COUNTDOWN (1 DIRECTION)	\$7,662.80	
ALUMINUM PEDESTAL 4" I.D. (UP TO 20')	\$1,491.27	
LOOP VEHICLE DETECTOR AMPLIFIER (RELAY OUTPUT- RACK MOUNTED TYPE 170 CABINET)	\$664.35	
LOOP ASSEMBLY	\$4,600.60	
LOOP LEAD IN CABLE (NO. 14 A.W.G.)	\$904.50	
PEDESTRIAN DETECTOR (INCLUDES PUSH BUTTON SIGN)	\$1,332.80	
TRAFFIC CONTROLLER ASSEMBLY (Modify) (170)	\$1,000.00	
LIGHTING CONDUIT (F&I) UNDER PAVEMENT	\$4,303.60	
CONDUCTOR-FURNISHED AND INSTALLED THREE CONDUCTORS SET OF 2-#6 RHW-XLT STRANDED BLACK AND WHITE WITH 1- #6 THW GREEN	\$10,354.74	
CONDUIT PVC SCHEDULE 40, 2"	\$15,662.60	
SPECIAL DESIGN SPREAD FOOTER (CONCRETE BASE POURED IN PLACE)	\$12,000.00	
PULLBOX, SIDEWALK	\$7,901.70	
LOAD CENTER (INCLUDES SWITCH, WEATHERHEAD AND WIRE AT SERVICE POINT)	\$6,386.40	
ELECTRIC SERVICE & COORDINATION	\$1,077.17	
LIGHT POLE COMPLETE (F & I) WIND SPEED 150 MPH (POLE HIGHT 45')	\$25,230.00	
POLE CABLE DISTRIBUTION SYSTEM [(CONVENTIONAL KIT) (FURNISH AND INSTALL)]	\$14,978.59	
LIGHT POLE COMPLETE (F&I) (SPECIAL DESIGN) (25')	\$34,000.00	

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PROJECT NUMBER: 20140012 (Continuation)

MAINTENANCE OF TRAFFIC (INCLUDING TEMPORARY REFLECTIVE PAVEMENT MARKERS, MARKINGS, TRAFFIC CONES, TEMPORARY SIGNS, FLAG MEN, ETC.) <i>(2% OF BASE EST)</i>	\$14,625.75	
User Access Program <i>(ASSUME 2% OF BASE EST)</i>	\$14,625.75	
BASE ESTIMATE	\$833,667.50	
Contingency and Allowances		
CONTINGENCY ALLOWANCE (10% BASE ESTIMATE)	\$83,366.75	
OFF-DUTY LAW ENFORCEMENT OFFICER	\$30,000.00	
BITUMINOUS MATERIAL ADJUSTMENT	\$2,000.00	
FPL CONNECTION ALLOWANCE	\$1,000.00	
ALLOWANCE PERMITS	\$2,000.00	
GRAND TOTAL	\$ 338,181.65	

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