

SBD – CM REVIEW FORM

To: Business Opportunity Support Division – Construction	
From: SBD CM Vivian Forhat-Diaz	
Department: PWWD	Contact: Elva R. Reyes
Date Received: 08/29/14	RESUBMITTAL: No

PROJECT NUMBER:	20140144
PROJECT TITLE:	Seaboard Acres Stormwater Pump Station and Pump Casing Replacement.
PROJECT LOCATION:	NE 131st Street and Memorial Hwy, NE 116th Street and NE 14th Avenue; and NE 109th Street and N. Bayshore Dr.

SCOPE OF WORK/DESCRIPTION: furnish of all supervision, labor, materials, equipment, tools and performing all necessary operations required to improve the Seaboard Acres Stormwater Pump Station, including the complete demolition and reconstruction of the existing Pump Station. The reconstructed stormwater pump station will have a pumping capacity of 40 CFS which will be achieved by using two (2) electric submersible pumps of 20 CFS each. Additionally, this station will include an emergency diesel backup generator and a telemetry system for remote monitoring and control of the pumps and generator. The Scope of Work for the Pump Casing Replacement project consists of the replacement of the pumps casing, hatch cover, base plate and 90 degree elbow for the pump stations located at NE 116th Street and NE 14th Avenue; and NE 109th Street and N. Bayshore Dr.

SPECIAL REQUIREMENTS: Prime Contractor must hold a State of Florida General Contractor license, a General Engineering Contractor or a Specialty Engineering Contractor Certificate of Competency from Miami-Dade County, commensurate to the requirements of the Scope of Work, in one or more engineering crafts to include plant construction engineer. 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.

TRADES/SUBTRADES	AMOUNT	COMMENTS
		PRIME
Barricades (temporary - Types I, II, VP and Drum)	\$4,320.00	Must meet Special requirements. Primary scope of work includes all line items noted.
Advance Warning Arrow Panel	\$4,891.00	
Regular Excavation	\$2,500.00	
Clearing and grubbing	\$30,000.00	
Building Demolition	\$100,000.00	
Sediment Barrier	\$860.00	
Turbidity Barrier	\$2,000.00	
Inlet Protection System	\$240.00	
Soil Tracking Prevention Device	\$2,143.09	
Type "B" stabilization (12" thick) (Min. CBR30)	\$2,382.00	
Embankment (Borrow material from the contractor's own source, includes grading)	\$2,400.00	
Re-grade existing swale (where shown specifically on plans or as directed by the Engineer, outside the scope of drainage trench restoration)	\$2,040.00	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 09/02/14

*Trades/Subtrades identified for possible subcontracting opportunities by SBD CM
 PWWM is recommending 20% for CSBE participation.

PROJECT NUMBER: 20140144 (Continuation)

		PRIME
Backfill existing trench with select fill	\$4,600.00	Must meet Special requirements. Primary scope of work includes all line items noted
Swale Inlet Type D-3 (36" Dia.) (less than 10 feet deep]	\$1,600.00	
Swale Inlet Type P-IOM (Any dimension, maximum 15' deep)	\$1,800.00	
Pollution Retardant Baffle (Any type) (Any Dimension)	\$500.00	
Manhole Type P-7T (Any dimension) (Max. 15' Deep)	\$1,800.00	
Modify Structure-Cut to enlarge opening as needed in order to accommodate pipe due to utility conflict(s), brick and mortar as needed	\$500.00	
Junction Box, Drainage, Special, < 10' - Valve Box (Concrete)	\$32,000.00	
Junction Box, Drainage, Special, > 10' - Valve Box (Concrete)	\$9,000.00	
Energy Dissipating Outfall	\$52,000.00	
Pipe Culvert – 18" Diameter	\$2,520.00	
Pipe Culvert – 48" Diameter	\$10,800.00	
Pine Culvert – 84" Diameter	\$15,104.10	
French Drain (18" diameter pipe, trench depth 10' bls)	\$4,760.00	
48" Steel - 90 Degree Bend	\$4,506.76	
24" Steel - 45 Degree Bend	\$18,027.02	
48" x 24" Tee	\$20,253.20	
48" x 48" Tee	\$5,063.30	
48" Diameter Plug	\$1,815.88	
		Paving Contractor
Limerock Base (8" Primed)	\$3,374.50	*Possible Subcontracting opportunities
Milling Existing Asphalt Pavement (up to 5,000 square yards) (1" average depth)	\$922.50	
Roadway Pavement Restoration (Replace and match existing base thickness and asphalt course with 8" minimum, primed Limerock Base and 1" thick of HMA, Asphalt Work Category 3)	\$1,608.00	
Inlet Pavement (Includes 6" Limerock Base and 1" thick of HMA, Asphalt Work Category 2)	\$23.00	
Hot Mix Asphalt, Traffic C	\$5,330.00	
		Concrete Contractor
Class I Concrete [(Miscellaneous.) (Trench build-up, collars, pipe plugs, structure plugs etc.) (This item is contingent upon field conditions and may increase, decrease or eliminated by Engineer)	\$1,965.00	*Possible Subcontracting opportunities
Bollard Post (Galvanized Steel filled with Concrete)	\$3,000.00	
Concrete Sidewalk (4" thick) (Class I concrete, 3,000 P.S.I. concrete at 28 days) (Including pedestrian ramps and sidewalk curbs.)	\$1,260.00	
Concrete Sidewalk (5" thick) (Class I concrete, 3000 P.S.I. concrete at 28 days) (Including pedestrian ramps and sidewalk curbs)	\$1,400.00	

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PROJECT NUMBER: 20140144 (Continuation)

		Fence Contractor
6' High Chain Link Fence	\$7,125.00	*Possible Subcontracting opportunities
Fence Gate - Type B, Sliding/Cantilever, 12' -18- Opening	\$3,000.00	
		Mechanical Contractor
Pump Station	\$1,200,000.00	*Possible Subcontracting opportunities
Pump Casing Replacement	\$140,000.00	
Valve Assembly - 24" Check Valve (C.I.)	\$24,000.00	
Valve Assembly - 24" Plug Valve (C.I.)	\$64,000.00	
Valve Assembly - Motorized 48" Gate Valve (C.I.)	\$60,000.00	
		Electrical Contractor
Emergency Generator with ATS and Fuel Tank	\$85,000.00	*Possible Subcontracting opportunities
Electrical Power Service (FPL)	\$125,000.00	
Telemetry System	\$60,000.00	
		Open
Sodding - St Augustine, or match existing, (includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer).	\$800.00	Not a construction trade
ESTIMATED BASE TOTAL	\$2,138,234.35	
CONTINGENCY ALLOWANCE (10% BASE ESTIMATE)	\$212,823.43	
BASE TOTAL INCLUDING CONTINGENCY	\$2,341,057.18	
Maintenance of traffic	\$42,564.69	
Off-duty Law Enforcement Officer	\$4,000.00	
Mobilization	\$1,500.00	
Allowance-Permits	\$20,500.00	
TOTAL ESTIMATED COST	\$2,409,622.46	

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