

## SBD - CM Review Form

<b>To:</b>	Project Review & Analysis - Construction		
<b>From:</b>	SBD CM - Eddy V. Etienne Jr.		
<b>Department:</b>	Public Works & Waste Management Department	<b>Contact:</b>	James Ferreira
<b>Date:</b>	12/30/2015	<b>Resubmittal:</b>	No

<b>PROJECT NUMBER:</b>	20150218
<b>PROJECT TITLE:</b>	People's Transportation Plan (PTP) Oleta River Culvert Extension
<b>PROJECT LOCATION:</b>	NE 209 Terr & NE 214 Street

**SCOPE OF WORK/DESCRIPTION:** The subject project work consists of extending several culverts by slip lining them with pipe, backfilling over the extended culverts with suitable material, and to add new sidewalk segments to connect existing sidewalks along a residential road that currently passes over the Oleta River. This work will enhance the safety of the roadway and make it more pedestrian friendly. Work also includes: cleaning, grubbing, grading, channel excavation, guardrails, installation of sand cement riprap and sodding as needed.

**SPECIAL REQUIREMENTS:** At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County,

Florida (the County), Florida and these Solicitation and Contract Documents, the Bidder 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 Scope of Work, in one or more engineering crafts to include pipeline engineering contractor or paving engineering contractor. 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 for which certified; or

Certification, as a General Contractor, or as a underground utility and excavation contractor provided by the State of Florida Construction Industry Licensing Board, pursuant to the provisions of Section 489.115 of the Florida Statutes (F.S.).

Experience Requirement:

The Bidder, through full time personnel employed by the Bidder, must demonstrate a minimum of three (3) years of continual experience as the prime contractor in projects with scopes comparable to the Project Scope of Work. Demonstrate the experience requirement by:

Providing a detailed description of completed projects, similar to the Project Scope of Work, in which the Bidder is currently engaged or has completed within the past ten years. List and describe those projects performed for government clients, similar size private entities, and any work performed for the County. The description should identify for each project (1) the client, (2) description of work, (3) total dollar value of the contract, (4) contract duration, (5) customer contact person and phone number for reference, (6) statement or notation of whether Bidder is/was the prime contractor or subcontractor, and (7) the results of the project.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by PWWM for construction within the public right-of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

Initial: EE

Date: 12-30-15

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
<b>Highway, Street &amp; Bridge Construction - Pavement Contractors</b>			
MAINTENANCE OF TRAFFIC (Including temporary reflective pavement markers, markings, traffic cones, temporary signs, flag men, etc)	\$4,400.00	0.53%	
Barricades (Temporary - Types I, II, VP and Drum)	\$2,376.00	0.29%	
Advance Warning Arrow Panel	\$2,970.00	0.36%	
Floating Turbidity Barrier	\$3,520.00	0.43%	
Inlet Protection System	\$481.80	0.06%	
Channel Excavation (Dredging - Sediment Removal)(Includes proper disposal of sediment material. Item is contingent upon the existing conditions and the quantity may be increased or decreased by the Engineer. Measurement shall be by the average end method from cross sections taken before and after excavation)	\$8,800.00	1.07%	
Limerock Material Import and Placement (This item is contingent upon the actual field conditions and may be increased or decreased as directed by the Engineer in suitable soil areas)	\$11,000.00	1.33%	
Flowable Fill	\$2,420.00	0.29%	
Embankment- (Borrow material from contractor's own source, includes grading)	\$16,805.56	2.04%	*Possible Participation for Small Firms
Milling Existing Pavement - [(1" Depth) (Up to 5,000 S.Y.)]	\$2,745.60	0.33%	
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)	\$15,558.40	1.89%	
Inlet Pavement (Includes 6" Limerock Base and 1" thick of HMA, Asphalt Work Category 2)	\$2,860.00	0.35%	
Hot Mix Asphalt, Traffic C, SP-9.5	\$4,290.00	0.52%	
Driveway Pavement - Asphalt	\$1,597.20	0.19%	
Class I Concrete [(Miscellaneous) (Trench build-up, collars, pipe plugs, structure plugs etc.) (This item is contingent upon field conditions and may increased decreased or eliminated by the Engineer)]	\$1,430.00	0.17%	
Swale Inlet Type D-3 (36" Dia.) (Less than 10 feet deep)	\$36,960.00	4.48%	
Manhole (Type P-7T, Any dimension, maximum 15' deep)	\$21,780.00	2.64%	
Desilt Pipe (49" or greater)	\$6,600.00	0.80%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
Pipe Culvert - 15" Diameter (Round)	\$8,415.00	1.02%	*Possible Participation for Small Firms
Pipe Culvert - 60" Diameter	\$114,345.00	13.85%	
French Drain (18" diameter pipe, trench depth 10 ft bls)	\$25,740.00	3.12%	
Concrete Sidewalk (4" thick restoration and new, Class I concrete, 3000 P.S.I (including pedestrian ramps)	\$5,545.83	0.67%	
Riprap (Sand Cement)	\$4,180.00	0.51%	
Riprap Headwall (Sand-Cement) (Pipe Diameters 54" to 84" or Equivalent) (includes concrete cap & steel)	\$59,400.00	7.20%	
Guardrail [(Roadway) (Includes the cost of shop bent panels, end anchorage assembly and 2" X 3' Asphalt Pad if required)]	\$5,082.00	0.62%	
Guardrail Removal	\$2,541.00	0.31%	
<b>Landscape Contractors</b>			
Sodding - St. Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer)	\$3,300.00	0.40%	*Possible Participation for Small Firms
<b>BASE TOTAL</b>	\$750,286.78	90.91%	
Contingency Allowance (10% of Base Estimate)	\$75,028.68	9.09%	
<b>TOTAL AMOUNT</b>	\$825,315.46	100.00%	

Small Business Development Signature:  Date: 12-30-15  
 \*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM  
 DTPW is recommending 2.14%

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