

Date: December 29, 2015

To: Gary Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: *AM*
Alejandro Martinez-Esteve, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts (MCC)
Program: MCC 7360 Plan - CICC 7360-0/08
Request for Price Quotation (RPQ) No. 20150218
People's Transportation Plan (PTP) Oleta River
Culvert Extension

RECOMMENDATION

Public Works and Waste Management, Capital Improvements Section staff completed its review of the scope of work for the subject RPQ. Based on the analysis of factors contained in Section VI D of Implementing Order 3-22, the Department recommends a 2.1% sub-consultant goal.

Scope of Work:	Multiple Trade
Engineer Project Base Cost Estimate (including Contingency):	\$412,657.73
Measure/Set Aside:	2.1%
CWP:	As Applicable

BACKGROUND

On December 9, 2015, bids were due for RPQ 20150159 but only two (2) bid responses were received. As such, the Department recommends re-advertising this project through the MCC 7360 Program, Multiple Trade, in order to increase the bidder's list.

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: clearing, grubbing, grading, channel excavation, guardrails, installation of sand-cement riprap and sodding as needed.

If additional information is needed, you may contact myself at (305) 375-2097 or James P. Ferreira at (305) 375-3267.

AM/jf

Attachments (2)

C: Marcia Martin, ISD
Laurie Johnson, ISD
Alex Barrios, PWWM
Daryl Hildoer, P.E., PWWM
Alfredo Muñoz, P.E., PWWM
Dianah Coakley, PWWM
James P. Ferreira, P.E., PWWM
Project File

MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

To: Gary Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: Alejandro Martinez-Estevez, RA, LEED AP
Manager, Capital Improvements Section
Public Works & Waste Management Department

Date: Tuesday, December 29, 2015

CONTRACT INFORMATION

PWWM Project No.: 20150218

Project Title: People's Transportation Plan (PTP) Oleta River Culvert Extension

Re-submittal: No

Standard Industrial Code (SIC) / North American Industry Classification Code (NAICS): 1610 / 237310 - Construction – Highway, Street & Bridge Construction

Estimated Project Base Cost (including Contingency): \$412,657.73

Funding Source: People's Transportation Plan

Bonding Requirements: Bid Bond– 5% of base bid amount
Performance Bond- 100% of Contract Award Amount

PROJECT INFORMATION

Scope of Work

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: clearing, grubbing, grading, channel excavation, guardrails, installation of sand-cement riprap and sodding as needed.

Project No.: 20150218
Project Title: People's Transportation Plan (PTP) Oleta River Culvert Extension

Required Contractor's Certification:

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.

RECOMMENDATION

PWWM Areas recommended for SBE Subcontractor Goal:

SBE Construction Measure: Concrete
 Landscaping

Contract Measure Recommendation:

- No Measure
- Set-Aside:

Level I	Level II	Level III
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- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE Subcontractor Goal:

Construction Measure:	Concrete	1.3%
	Landscaping	0.8%
- CWP: As Applicable
- DBE Subcontractor Goal: Not Applicable

Reason for Recommendation: The recommendations are based on the information provided in the attached cost estimate which is provided in accordance with the Miami-Dade County Code.

SBE Prime History of similar Contracts/Projects for previous Three (3) years: None

Scope of Work History Summary – Subcontracting Opportunities: None

Similar Projects previously submitted for SBD Action: None

SBE Goal / Project No. / Amount achieved: None

COST ESTIMATE
AVERAGE UNIT PRICES
Oleta River Culverts Extension Project (NE 209 TERR & NE 214 ST)

Item No.	Description	Unit	Unit Price	Quantity	Total Price
102-1A	MAINTENANCE OF TRAFFIC (Including temporary reflective pavement markers, markings, traffic cones, temporary signs, flag men, etc)	L.S.	\$ 4,400.00	1	\$ 4,400.00
102-74-1	Barricades (Temporary - Types I, II, VP and Drum)	E.A./DAY	\$ 0.66	3600	\$ 2,376.00
102-76A	Advance Warning Arrow Panel	E.A./DAY	\$ 16.50	180	\$ 2,970.00
104-11A	Floating Turbidity Barrier	L.F.	\$ 17.60	200	\$ 3,520.00
104-18	Inlet Protection System	E.A.	\$ 80.30	6	\$ 481.80
120-5	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)	C.Y.	\$ 198.00	44	\$ 8,800.00
120-79B	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)	C.Y.	\$ 39.60	278	\$ 11,000.00
121-70-2	Flowable Fill	C.Y.	\$ 242.00	10	\$ 2,420.00
120-6-2	Embankment- (Borrow material from contractor's own source, includes grading)	C.Y.	\$ 60.50	278	\$ 16,805.56
327-7-01	Milling Existing Pavement - [(1" Depth) (Up to 5,000 S.Y.)]	S.Y.	\$ 5.72	480	\$ 2,745.60
331-72-10A-HMA	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)	S.Y.	\$ 35.20	442	\$ 15,558.40
331-72-10B-HMA	Inlet Pavement (Includes 6" Limerock Base and 1" thick of HMA, Asphalt Work Category 2)	S.Y.	\$ 44.00	65	\$ 2,860.00
334-2-13-1	Hot Mix Asphalt, Traffic C, SP-9.5	Ton	\$ 165.00	26	\$ 4,290.00
334-2-13-1A	Driveway Pavement - Asphalt	S.Y.	\$ 36.30	44	\$ 1,597.20
400-1-15	Class I Concrete (Miscellaneous) (Trench build-up, collars, pipe plugs, structure plugs etc.) (This item is contingent upon field conditions and may be increased or eliminated by the Engineer)	C.Y.	\$ 143.00	10	\$ 1,430.00
425-1-1	Swale Inlet Type D-3 (36" Dia.) (Less than 10 feet deep)	E.A.	\$ 3,080.00	12	\$ 36,960.00
425-2-41	Manhole (Type P-7T, Any dimension, maximum 15' deep)	E.A.	\$ 3,630.00	6	\$ 21,780.00
430-94-1-2	Desilt Pipe (49" or greater)	L.F.	\$ 22.00	300	\$ 6,600.00
430-171-115	Pipe Culvert - 15" Diameter (Round)	L.F.	\$ 49.50	170	\$ 8,415.00
430-60	Pipe Culvert - 60" Diameter	L.F.	\$ 381.15	300	\$ 114,345.00
443-70-3-2	French Drain (18" diameter pipe, trench depth 10 ft bls)	L.F.	\$ 99.00	260	\$ 25,740.00
522-1(1)	Concrete Sidewalk (4" thick restoration and new, Class I concrete, 3000 P.S.I (including pedestrian ramps)	S.Y.	\$ 60.50	92	\$ 5,545.83
530-1	Riprap (Sand Cement)	C.Y.	\$ 418.00	10	\$ 4,180.00
530-1-5484A	Riprap Headwall (Sand-Cement) (Pipe Diameters 54" to 84" or Equivalent) (includes concrete cap & steel)	C.Y.	\$ 9,900.00	6	\$ 59,400.00
536-1-1B	Guardrail [(Roadway) (Includes the cost of shop bent panels, end anchorage assembly and 2" X 3" Asphalt Pad if required)]	L.F.	\$ 46.20	110	\$ 5,082.00
536-73B	Guardrail Removal	L.F.	\$ 23.10	110	\$ 2,541.00
575-2A	Sodding - St. Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the engineer)	S.Y.	\$ 6.60	500	\$ 3,300.00
SUBTOTAL					\$ 375,143.39
999	CONTINGENCY FUND (10% of subtotal amount)				\$ 37,514.34
101-2	MOBILIZATION				\$ 3,751.43
102-10A	OFF-DUTY LAW ENFORCEMENT OFFICER				\$ 19,200.00
990	ALLOWANCE PERMITS				\$ 500.00
TOTAL CONSTRUCTION					\$ 436,109.16

1.3%

0.8%

\$ 412,657.73

1. Unit Prices were taken from the latest three (3) awarded projects and coordinated with the PWD Contract Section