

Memorandum



Date: February 4, 2014

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

From: Cristian Garcia
Contract Compliance Specialist II
Miami Dade Water & Sewer

Subject: One Year County Wide Contract for Rehabilitation of Manholes Inflow and Infiltration Repair, RPQ P0132

Miami-Dade Water and Sewer Department (WASD) respectfully requests that you review the attached recommendation for "0 % CSBE Participation

This project is required to be open competitive under the 7360 Contract, just as the previous one was bid approximately two years ago, RPQ P080. Contractors that do this type of work are specialist with specialized equipment. Some have regional agreements with coating manufacturer's to apply the product in selected parts of the Country. A 7040 contract would not meet the operational needs of the Department.

There is an approved product list of products that can be used in the WASD system. The project requires a Contractor experienced with rehabilitation of sewer manholes and has the coating manufacturer's product application certification. In order to have this project competitively bid with all approved products available in needs to be open competitive.

Primary Trades for this project are General Engineering, Pipeline Engineering, Pipe Line Contractor and Underground Utility / Excavation.

1.00 SCOPE

The Project consists of furnishing all labor, material and equipment for rehabilitation of approximately 800 manholes anywhere within the limits of Miami-Dade County, Florida, as ordered by the Department during a one year period. The manholes to be rehabilitated are listed in the Appendix Section.

This is a non-exclusive contract, and as such, the Department does not guarantee that the full amount of the Contract will be issued to the Contractor. The actual amount of Work Orders assigned will be the prerogative of the Department in its sole discretion and dependent only upon its needs.

The project shall include, but not be limited to, cleaning of the manhole structures; surface preparation; concrete repair and restoration; furnishing and installing concrete protective coating; sealing exterior voids of leaks with a chemical grout; cleaning and restoring exposed reinforcing; rehabilitation of the manhole bench and flow channels; furnishing and installing plugs, thru plugs and thru pipe as required; bypass pumping of sewage, if necessary; traffic control; legal disposal of debris; furnishing and utilizing all required safety equipment;

and all other appurtenant and miscellaneous related items and work necessary for a completed project at various locations throughout Miami-Dade County.

The Miami Dade County Ordinance No.90-143 is applicable to this Project. The Contractor shall review the "Supplemental General Conditions" and the "Wage and Benefit Schedule" that are included within these documents.

Qualifications

The Contractor shall have completed a minimum of (15) fifteen manhole rehabilitations or similar structures within the past 10 years. Two verifiable references are required with Project Name, Organization Name, Contact Person, Phone Number, Date of Work and Work Performed. Submit experience history with a minimum of two references along with the bid. The work shall have been completed with the Contractor's own forces or key personnel.

The experience of key senior personnel with other firms may be counted toward the experience requirement, if acceptable to the Engineer. Should such evidence not be satisfactory to the Engineer, whose decision shall be final, the bid will be considered non-responsive, and the second low bidder will be considered for award.

In the event a firm consists of executives, supervisors and other senior field staff (key employees) that would have met these minimum experience requirements with a prior firm, the Miami-Dade Water and Sewer Department reserves the right to qualify the firm based on WASD's sole determination and evaluation of the knowledge and prior experience of these key employees employed by the new firm.

Community Workforce Program is not applicable to this project.

If you require any additional information, please contact:

Cristian Garcia
Contracts Compliance Specialist 2
Miami-Dade Water & Sewer Department
3071 SW 38 Ave, Suite 107-14, Miami, FL 33146
(786) 552-8216 (Phone) (786) 552-8885 (Fax).

Cc: Leo Vargas.

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

TO: Gary T. Hartfield, Division Director
Department of Business Development

FROM: Leo Vargas, OCI Supervisor
Procurement/Stores Section

DEPARTMENT: Miami-Dade Water and Sewer Department

CONTRACT TITLE: RPQ P0132 One Year County Wide Contract for Rehabilitation of Manholes inflow and Infiltration Repair

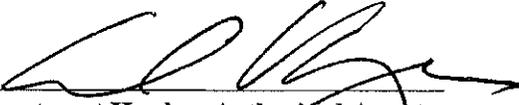
CONTRACT NO.: MCC 7360 Program

ESTIMATE AMT.: \$1,264,000 [+ \$126,400.00 Contingency, Dedicated Allowances \$37,920.00 and
ACCT. FUNDS: Off Duty Police \$30,000.00]

RECOMMENDATION

Analysis for Recommendation

ITEM	DESCRIPTION	ESTIMATE COST	% OF ITEM TO BASE BID	CSBE AVAILABILITY
1	This project consist of rehabilitation of deteriorated	\$1,264,000.00	100%	
	manholes located in various locations through out	\$0.00	0%	
	County.	\$0.00	0%	
		\$0.00	0%	
		\$0.00	0%	
		\$0.00	0%	
	SUB-TOTAL	\$1,264,000.00	100%	
	Off Duty Police Officers	\$30,000.00	2%	
	Dedicated	\$37,920.00	3%	
	Contingency	\$126,400.00	10%	
	TOTAL	\$1,458,320.00		


 Department Head or Authorized Agent

One Year County Wide Contract for Rehabilitation of Manholes, 2014 Infiltration and Inflow					
Item	Est.		Description Summary	Unit Price	Extended Price
1	12,000	SF	For rehabilitation of deteriorated manholes where the structure is repaired to greater than 2.0-inches in depth, to include repairing corroded steel within manholes at locations determined by the Engineer, cleaning, surface preparation, concrete restoration and installing concrete protective coating, the price per square foot of	22.00	\$264,000.00
2	24,000	SF	For the rehabilitation of deteriorated manholes where the structure is repaired in the range of 0.51-inch to 2.0-inches in depth, to include cleaning, surface preparation, concrete restoration and installing concrete protective coating, the price per square foot of	18.00	\$432,000.00
3	12,000	SF	For the rehabilitation of deteriorated manholes identified as minimally corroded, where the structure is repaired less than 0.50-inches in depth), cleaning, surface preparation, concrete patching and installing concrete protective coating, the price per square foot of	12.00	\$144,000.00
4	250	EA	For cost of sealing leaks by drilling through the manhole structure and filling the underground void with a chemical injection grout, the price per each manhole of	800.00	\$200,000.00
5	5,000	SF	For rehabilitation of manholes base, bench including the surface preparation and coating, the price per square foot of	10.00	\$50,000.00
6	5,000	SF	For repairing manholes base, bench with the rebuilding of channels to include surface preparation, removal and legal disposal of debris, forming new channel and coating, the price per square foot of	25.00	\$125,000.00
7	50	EA	Supplemental costs for performing rehabilitation work on manholes with exposed brick, the supplemental price per exposed brick manhole of	500.00	\$25,000.00
8	1	Aggr. Sum	Furnish Traffic Control for the project, complete, the aggregate sum of	300.00	\$6,000.00
9	20	Ea	For bypass pumping of sewage manholes with gravity systems of 8-inches and larger, the price per manhole bypass of	300.00	\$6,000.00
10	40	Vf	For repair of an existing manhole with a fiberglass Insert (the cone shall be removed and reinstalled by Department forces), the price per vertical foot of	300.00	\$12,000.00
11	Sub-Total, Sum of Items #1 - 9-->				\$1,264,000.00
12	For providing uniformed, off-duty police officers for the purpose of maintenance of traffic and reimbursement of any Permit				\$30,000.00
13	For cost of required permits, fees, inspections, impact fees, if authorized by the Engineer, the sum of 3% of the Subtotal Item No. 11, (.03) x				\$37,920.00
14	Contingency allowance for unforeseen conditions, minor construction changes & quantity adjustments (10% of Sub-Total) ->				\$126,400.00
13	Sub-Total, Sum of Items 11, 12,13, and 14-->				\$1,458,320.00

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: P0132

*Reference corresponding project number when submitting a work order

Contract/Project Title: One Year County Wide Contract for Rehabilitation of Manholes

Description/Scope of Work: See Attached

Estimated Cost: \$145,8320.00 **Funding Source:** Other (specify)

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Various Locations

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
N/A		
N/A		
N/A		

Comments:CWP is not applicable. Project site is not within a DTA

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
0	\$	0%	
0	\$	0%	
0	\$	0%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation:Specialized Trade

Date submitted to DBD: _____

Contact Person:Cristian Garcia

Telephone No.:786-552-8216

SPECIFICATIONS FOR:
**ONE YEAR COUNTYWIDE CONTRACT FOR REHABILITATION OF MANHOLES,
INFLOW AND INFILTRATION REPAIR**

1.00 SCOPE

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