

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

To: Jack Osterholt, Interim Director
Sustainability, Planning and Economic Enhancement
From: Leo Vargas, OCI Supervisor
Procurement Section.

Department: Miami-Dade Water and Sewer Department

Contract Title: RPQ P0077, Furnish & Install 48-Inch Valves and Access Manholes in N.W. 135 St
Contract No.: MCC-7360.

Estimate Amount: \$1,947,385.15 [+\$286,760.06 Contingency & Dedicated Allowances = \$2,234,145.21]

Account Funds: WASD Water Revenue Bond

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Analysis for Recommendation

Item	Description	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	Furnish & Install 48-Inch Valves and Access Manholes in NW 135 ST.	\$591,385.15	30%	
2.	Furnish & Install 48-Inch Line Stops	\$1,356,000.00	70%	
	Sub Total	\$1,947,385.15	100%	
	Dedicated Allowance	\$33,600.00		
	Permit Fee	\$58,421.55	3%	
	Contingency	\$194,738.52	10%	
	TOTAL	\$2,234,145.22		

Department Head or Authorized Agent.



Project Description:

The Project consists of install six (6) 48-inch plug valves and furnishes and installs thirteen (13) access manhole assemblies on existing 48-inch prestressed concrete cylinder pipe (PCCP) force main at different location as shown on plans.

The Contractor shall furnish and install all labor, materials and supplies, including but not limited to, installing the six (6) 48-inch plug valves, flanged; furnishing and installing 48-inch Prestressed Concrete Cylinder Pipe, adapters and fitting; furnishing and installing access manhole assembly including wire mesh, reinforced concrete, 60-inch diameter aluminized steel corrugated metal pipe, top reinforced concrete slab, brick masonry and manhole frame and cover; removal, transport, salvage and legal disposal of existing 48-inch PCCP as shown on plans; making connections to existing 48-inch PCCP force mains; providing a temporary linestop on the existing 48-inch concrete pipe force main as shown on plan; sheeting and shoring left in place as ordered by the Engineer; temporary and permanent paving repairs; replacement of any sod or damaged grass area, pavement damaged during construction; site restoration; curb and gutter restoration; traffic control; replacing pavement markings; cleaning and testing the force main; providing traffic control and a Maintenance of Traffic plan (MOT) for the construction area; providing off-duty police for traffic control as may be required by the Department or governing authorities; coordinating with Department forces; and other appurtenant and miscellaneous items and work for a complete, fully functional and satisfactory installation of the project located in a portion of Sections 25, 26, 27 & 28 of Township 52 S. Range 41 E. and a portion of Section 16, 19 and 30 of Township 52 S. Range 42 E., City of North Miami, Florida.

Justification:

The project consists of installing six 48-inch valves at various locations on a 48-inch concrete force main. The WASD needs the six 48-inch valves to control the flow of the force main and have the capability of shutting down and repairing sections of the main. This is an older force main and if a break does occur WASD forces would have trouble isolating and rerouting the sewage flow without the proposed valves.

This project needs to be bid under 7360 open competitive. Six locations will require linestops which is a specialty service. The force main is constructed of pre-stressed concrete which requires a contractor experience in 48-inch concrete pipe installation. The WASD will include a qualification to have experience contractor with this particular size of concrete pipe installation.

This is a principal force main that takes sewage flow into the North District Water Treatment Plant. The WASD will have difficulty isolating the system for an extended period of time. Time limits shall be placed in the Contract as to the duration of shut down as well as the ability to delay shut downs in case of rain events. Larger contractors with experience in time sensitive work on concrete pipe are needed for a successful project

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.: P0077

*Reference corresponding project number when submitting a work order

Contract/Project Title: FURNISH AND INSTALL 48-INCH VALVES AND ACCESS MANHOLES IN EXIST. 48-INCH CONCRETE PIPE FORCE MAIN ALONG N.W. 135 ST. FROM N.W. 30 AVE. TO N.E. 2 AVE. AND AT N.E. 138 ST. AND AT N.E. 149 ST.

Description/Scope of Work: The Project consists of install six (6) 48-inch plug valves and furnishes and installs thirteen (13) access manhole assemblies on existing 48-inch prestressed concrete cylinder pipe (PCCP) force main at different location as shown on plans.

Estimated Cost: \$1,947,385.00 **Funding Source:** General funds

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.
NW 135 St. From NW 30 Ave. to NE 2 Ave. At NE 138 St. and at NE 149 St.

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: _____

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: Non CSBE Contractor.

Date submitted to DBD:

Contact Person: WILLIAM DIAZ

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