

# Memorandum



**Date:** May 23, 2023

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

**From:** Jose Vilaboy  
Construction Contracts Specialist - Construction Contracts Division  
Miami Dade Water & Sewer

**Subject:** Line Stop for 42 Inch CIP at Pump Station No.2 (RPQ P0272)

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Miami-Dade Water and Sewer Department (WASD) respectfully requests that you review the attached recommendation to allow this project to bid using the CICC7360 Program.

This is specialized work in the installation of Line Stops.

## Summary of Work

Install a 42-inch linestop at the existing and serviceable linestop's saddle fitting located in PS0002 property. The contractor needs to remove the completion plug and re-insert the line stopper through the existing fitting.

CSBE Goal – 0% (No Availability) No Goal.

If you require any additional information, please contact:

Jose Vilaboy Construction Contracts Specialist  
Construction Contracts Division  
Miami Dade Water & Sewer Department  
3071 SW 38 Ave, Suite 107-15, Miami, FL 33146  
786-552-8056

**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.:** P0272

\*Reference corresponding project number when submitting a work order

**Contract/Project Title:** Line Stop for 42 Inch CIP at Pump Station No.2

**Estimated Cost:** \$80,000.00      **Funding Source:** O & M

**Location of Project** (street address or beginning and ending points) i.e. 331 NE 9 Street, Miami Fl 33132

**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
<b>Construction</b>	\$	%	N/A
<b>G &amp; S</b>	\$	%	N/A
	\$	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 Work performed by specialty contractor. There are no local SBE-Construction nor Goods & Service Firms that perform this work.**

**Date submitted to DBD:**  
05/23/2023 **Contact Person:**  
Jose Vilaboy **Telephone No.:**  
(786)552-8056

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Jose Vilaboy – Construction Contracts Specialist  
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Line Stop for 42 Inch CIP at Pump Station No.2 (RPQ P0272)

Contract No.: P0272  
Estimate \$80,000.00

Funding Source: O & M

<b>Small Business Enterprise – Goods &amp; Services - NO MEASURE Analysis for Recommendation (Attached)</b>
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*Cristian Garcia*

\_\_\_\_\_  
Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

Install a 42-inch linestop at the existing and serviceable linestop's saddle fitting located in PS0002 property. The contractor needs to remove the completion plug and re-insert the line stopper through the existing fitting.

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Jose Vilaboy – Construction Contracts Specialist  
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Line Stop for 42 Inch CIP at Pump Station No.2 (RPQ P0272)

Contract No.: P0272

Estimate \$80,000.00

Funding Source: O & M

<b>Small Business Enterprise – Construction - NO MEASURE Analysis for Recommendation (Attached)</b>
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*Cristian Garcia*

\_\_\_\_\_  
Department Head or Authorized Agent

**DESCRIPTION OF PROJECT:**

Install a 42-inch linestop at the existing and serviceable linestop's saddle fitting located in PS0002 property. The contractor needs to remove the completion plug and re-insert the line stopper through the existing fitting.

# Memorandum



Date: April 4, 2023

To: Alex Muñoz, Director, Internal Services Department

From: Roy Coley, Director, Water and Sewer Department

Subject: Goods and Services Contract for Pipeline Wet Tapping and Linestop Services

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The Water and Sewer Department (WASD) has developed a response action plan to address large diameter force main breaks in an expeditious manner for the protection of life, health, safety, and welfare of the community. Whenever flows cannot be stopped due to the failure of an in-line isolation valve or if flows cannot be re-routed due to non-redundant conditions, the response plan is implemented. It involves the installation of a custom-sized tapping saddle pre-purchased by the Department, followed by the installation of a linestop by service provider Rangeline, within hours of identifying the break. This would allow us to bypass the leaking force main within hours and stop the spill and isolate the damaged section of the pipe for repairs.

WASD identified 188 miles of water and 205 miles of sewer pipelines as critical pipelines that would require wet tapping and linestops for full isolation. These are ductile iron pipelines (DIP) ranging in size from 36-inch to 48-inch and prestressed concrete pipelines (PCCP) ranging in size from 48-inch to 84-inch. After researching several different products available in the market and based on previous experience with linestop installations, WASD issued an emergency purchase order to Rangeline, a nation-wide industry leader in providing linestop services, and purchased several custom saddles manufactured by JCM Industries that would fit 36-inch, 42-inch, and 48-inch DIP pipelines and 48-inch, 54-inch, 60-inch, 72-inch, and 84-inch PCCP force mains with the understanding that Rangeline would provide the linestop installation services within hours after the saddle has been installed on the pipeline either by a general contractor or by WASD staff. Rangeline provides 24/7 services and is located locally in West Palm Beach.

WASD then contacted ISD to establish a Goods and Services contract for Rangeline by accessing their contract with the Palm Beach County. After repeated requests by WASD to ISD to set up a goods and services contract for Rangeline, ISD recommended that WASD use the Miscellaneous Construction Contract MCC 7360 instead as Rangeline was already a registered vendor on that contract. However, WASD does not believe this is the most effective approach to meeting both WASD's and ISD's objectives. The primary drivers for continuing to obtain these essential services through a goods and services pool rather than through the MCC program include higher level of service and significantly shorter service delivery time (hours instead of days) and centralized responsibility by the vendor as articulated below:

- Installation of linestop should not be considered as a construction activity as it does not require the use of any heavy equipment once a saddle is installed on the pipeline. The installation of the saddle is included as part of the construction work performed by the general contractor/subcontractor under the MCC program or self-performed by WASD staff. Also, even if the linestop work was awarded to a contractor/subcontractor, they would still have to hire Rangeline for this service as it is specialized equipment and Rangeline is the only certified provider of services for the JCM saddles for large diameter pipelines such as the 84-inch lines that can provide this service in South Florida.

- A goods and services contract allows us to engage a vendor to install a linestop within hours instead of days, without having to declare an emergency every time linestop services are needed. This is the level of service required to ensure continuity of critical operations, minimize service interruptions, and maintain regulatory compliance with local, state, and federal requirements specific to WASD.
- The implementation of the MCC process for line stop installation will not increase participation by small businesses. Line stops are specialized equipment that can only be installed by certified vendors.
- Except in the case of a declared emergency, the MCC's provisions only allow a traditional design-bid-build approach, which will result in a significant delay in executing the projects. If the MCC program were to be utilized, a design would have to be developed through a consultant within Architectural and Engineering Services Equitable Distribution Program and thereafter proceed to bid. Based on WASD's experience with the MCC Program, the time required from submittal of a design package to issuance of a Notice to Proceed can be anywhere from one (1) to four (4) months, depending on the dollar amount of the project. Under no circumstances will repairs be completed in a matter of hours as is currently the case unless an emergency is declared. If an emergency is declared and an MCC emergency pool is activated, there is still no time savings. Even after going through the shortened emergency procurement process, the selected vendor will still have to subcontract the linestop installation to Rangeline. Therefore, utilizing the MCC program would unnecessarily impact operations and WASD's ability to maintain service and public safety in a timely manner.

For the reasons described above, WASD strongly recommends establishing a goods and services contract for Rangeline instead of MCC 7360. The Department has a history of consent decrees in part caused by sanitary sewer overflows due to broken forcemains and as such it is unacceptable to WASD, its stakeholders, and regulators to incur any delays in repairing broken forcemains expeditiously to maintain essential services. Another alternative acceptable to WASD would involve the addition of a group of services to the pool under RTQ 1397, which would facilitate the provision of the necessary services through the goods and services process.

Please accept this request to further interface with you and your key staff on this important topic and arrive at a speedy resolution to maintain these critical services. Should you have any questions, please feel free to contact Francisco Martinez, Assistant Director for Water Operations at (786) 452-5296 or Raghavender Joshi, Assistant Director of Wastewater Operations at (305) 205-2413.

cc:

Francisco Martinez, Assistant Director of Water Operations, WASD  
 Raghavender Joshi, Assistant Director of Wastewater Operations, WASD  
 Lazaro Cabrera, Division Director, Water Distribution, WASD  
 Oscar Vasquez, Division Director of Wastewater Collections, WASD  
 Susan Pascul, Chief, Procurement and Materials Management, WASD  
 Fredrick Taylor, Procurement Manager, WASD  
 Cristian Garcia, Procurement Specialist, WASD  
 Paul Adams, Chief, Construction Contracts, WASD  
 Gary Hartfield, Division Director, Small Business Development, ISD  
 Laurie Johnson, Section Chief, Small Business Development, ISD  
 Andrew Burgess, SBD Construction Project Manager, ISD  
 Eric Perez, Engineer II, Small Business Development, ISD