

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.: W-948

*Reference corresponding project number when submitting a work order

Contract/Project Title: Water Service Conversion from Rear Water Services to Front Water Services at 2,733 Locations in Miami-Dade County

Description/Scope of Work: In general, the project consists of the disconnection of existing water meters from the service water lines located in the rear and/or side of the properties and connection of new water service lines from water meters located in front of the properties to the existing service connections at the rear and/or side of the residences. The project includes approximately 2,733 residences located throughout Miami-Dade County.

Estimated Cost: 8875790 **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.
Countywide in Comm. Districts Nos. 1, 2, 3, 5, 6, 7, 8, 9 and 10

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: An overall CWP goal of 10% is recommended.

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: Since the recommendation is "Set Aside", it is imperative that the prime contractor and 100% of the service providers are also certified SBE firms, so that work is equitably distributed.

Date submitted to DBD: 07/15/2020

Contact Person: Isaac Smith

Telephone No.: 786-552-8989

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Chief
Construction Contracts Division

Department: Miami-Dade Water and Sewer Department

Contract Title: Water Service Conversion from Rear Water Services to Front Water Services
at 2,733 Locations in Miami-Dade County

Contract No.: W-948

Estimate Amount: \$8,875,790 [\$8,068,900 Construction + \$806,890 Contingency]

Funding Source: EW 101 Proprietary Revenue

Small Business Enterprise – Construction – SET ASIDE – LEVEL 3 Analysis for Recommendation (Attached)
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Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

This project is one in a series of projects that are being processed under Section 2-8.2.12 of the Code, entitled Miami-Dade Water and Sewer Department Consent Decree and Capital Improvement Programs Accelerate Ordinance. **Since the recommendation is “Level 3 Set Aside”, it is imperative that the prime contractor and 100% of the service providers are also certified SBE firms.**

In general, the project consists of the disconnection of existing water meters from the service water lines located in the rear and/or side of the properties and connection of new water service lines from water meters located in front of the properties to the existing service connections at the rear and/or side of the residences. The project includes approximately 2,733 residences located throughout Miami-Dade County.

The work has been separated by Commissioner District. It is a requirement that the contractor shall only hire local licensed sub-contractors, plumbers, electricians, or specialty contractors, from the respective District where the property is located.

The Contractor shall furnish all materials, labor, and equipment as specified or necessary for a complete Project including but not limited to trench excavation, placing a sand/fine gravel bed on the bottom of the trench for pipe bedding, furnishing and installing the new water service from the new water meter located in front of the property to the existing household potable water system connection point, which includes copper pipes, tubing, fittings, valves, PVC valve boxes, grounding system (where applicable) and the installation of the new vacuum breaker at each existing and new hose bibb; furnishing and installing backflow prevention devices where applicable, install all piping, fittings, valve box and accessories to connect irrigation meter/sub-meter where existing, performing pressure tests on the new water service pipe, flushing, disinfecting the new service line, disposing of super chlorinated water properly, backfilling and compacting the trench, cutting and plugging existing water service line(s) located inside of the

property, removing and disposing of the existing water meter box, filling void (at the abandoned 1-inch wing style angle stop valve) with ready mix concrete to 2-inches above the existing and to be abandoned 1-inch wing style angle stop valve, placing top soil on top of concrete and laying sod as needed to cover area or the necessary material to match the existing condition at this location, performing final cleanup/restoration and landscaping of the disturbed areas to equal or better condition.

The Contractor shall coordinate with the property owners/tenants where the conversion will be performed, and the property owner shall have the opportunity to review the proposed route and provide their input. The contractor shall obtain the owners signature for all required permits and shall be responsible for applying for and obtaining the required permits, including preparing the plumbing/electric permit application, pulling plumbing/electric permits and any other required permits from the Building Office of the municipality in which the work is to be performed.

The Work also includes safety and protection of the homeowner's property, coordinating and obtaining necessary inspections from the Building Office of the municipality in which the word is to be performed, proper disposal of removed materials and all other appurtenant and miscellaneous related items and work for a completed Project.

LICENSES: The types of licenses required are: State General Contractor, General Engineering Contractor, Certified Plumber Contractor, Registered Electrical Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

COMMUNITY WORKFORCE PROGRAM

CWP PARTICIPATION: A 10% CWP Goal is applicable to this Project.

Analysis for Small Business Enterprise Goal			
Recommendation – “Set Aside”			
Item	Item Description	AMOUNT	Availability
1	Relocation of existing water services in Comm. District 1:	\$176,700.00	2.0%
2	Relocation of existing water services in Comm. District 2:	\$615,600.00	6.9%
3	Relocation of existing water services in Comm. District 3:	\$1,092,900.00	12.3%
4	Relocation of existing water services in Comm. District 5:	\$766,800.00	8.6%
5	Relocation of existing water services in Comm. District 6:	\$1,348,500.00	15.2%
6	Relocation of existing water services in Comm. District 7:	\$961,500.00	10.8%
7	Relocation of existing water services in Comm. District 8:	\$2,330,400.00	26.3%
8	Relocation of existing water services in Comm. District 9:	\$334,000.00	3.8%
9	Relocation of existing water services in Comm. District 10:	\$142,500.00	1.6%
10	For furnishing and installing backflow preventers for irrigation	\$225,000.00	2.5%
11	For furnishing and installing backflow preventers for commercial properties	\$75,000.00	0.8%
	SUBTOTAL	\$8,068,900.00	
	Contingency Allowance	\$806,890.00	9.1%
	CSBE TOTAL	\$8,875,790.00	100.0%

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Estimate Amount: \$8,875,790 [\$8,068,900 Construction + \$806,890 Contingency]

Funding Source: EW 101 Proprietary Revenue

Small Business Enterprise – Goods & Services – “Set Aside” Analysis for Recommendation (Attached)
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Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

In general, the project consists consumer line relocations of existing water meters from the service water lines located in the rear and/or side of the properties and connection of new water service lines from water meters located in front of the properties to the existing service connections at the rear and/or side of the residences. The project includes approximately 2,733 residences located throughout Miami-Dade County.

The work will require the support of local plumbers, electricians, or specialty contractors. Since the recommendation is “Set Aside”, it is imperative that the prime contractor and 100% of the service providers are also certified SBE firms.

Finally, the work has been separated by Commissioner District. It is further required that when working in a District, all sub-contractors, plumbers, electricians, or specialty contractors are also from the respective District where the property is located.

CONSIDERATIONS FOR ANALYSIS:

1. The project predominantly involves relocation of consumer water line services at residences throughout Miami-Dade County.
2. This project will also include support from local plumbers, electricians, or specialty contractors, all of which are required to be Certified SBE firms.
3. It shall be the contractor’s responsibility to have the owner sign permits and gain access to the homeowner’s property, coordinating and obtaining necessary inspections from the Building Office of the municipality in which the work is to be performed.

Analysis for Small Business Enterprise – Goods and Services Recommendation				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	GOODS: Sand Gravel Copper Tubing HDPE Tubing Vacuum Breaker Backflow Preventer Piping & fittings	 X X X X X	 X X X X X	 X X X X X
2.	SERVICES Plumber Electrical Specialty Contractor		X X X	X X X