

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.: **P0220**

*Reference corresponding project number when submitting a work order

Contract/Project Title: **NDWWTP INSTALLATION OF FA-1LR AND FA-4LR LOWER ZONE FLORIDAN
AQUIFER MONITORING WELLS AND PLUGGING AND ABANDONING
LOWER ZONES OF FA-1L AND FA-4L**

Description/Scope of Work: **See Attached**

Estimated Cost: **3205961** **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.
**North District Waste Water Treatment Plant located in u2575 NE 151st Street, Section 21, Township 52, Range 42;
Miami Dade County Florida.**

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:**Specialized well drilling work**

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment ☒

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
<u>Construction</u>	\$0	0%	
<u>G & S</u>	\$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:**This project is for the construction of 2 Lower Floridan Monitoring Wells. There are no
SBE availability for construction nor Good & Services.**

Date submitted to DBD:**12/3/2018**

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, Sr. Program Manager
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: NDWWTP INSTALLATION OF FA-1LR AND FA-4LR LOWER ZONE FLORIDAN
AQUIFER MONITORING WELLS AND PLUGGING AND ABANDONING
LOWER ZONES OF FA-1L AND FA-4L

RPQ No.: P0220

Estimate Amount: \$3,205,961 [\$2,914,510 Construction + \$291,451 Contingency]

Funding Sources: EW 660, WASD Revenue Bonds Sold

Small Business Enterprise – Construction – “No Measure” – Due to Availability Analysis for Recommendation (Attached)

Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

The Project consists of furnishing all materials, labor and equipment necessary to construct two Lower Floridan monitoring wells, sampling eight shallow monitoring wells, and plugging and abandoning the lower zones of monitoring wells FA-1 and FA-4 including testing and installing new wellheads at the North District Wastewater Treatment Plant located in 2575 NE 151st Street, Section 21, Township 52, Range 42; Miami Dade County Florida.

CWP PARTICIPATION: Is Applicable, project is located in a DTA.

LICENSES AND MINIMUM QUALIFICATIONS:

The work of this project is typically performed by contractors which have been prequalified by the Well Drilling Services (Monitoring Wells) Prequalification Pool, 6969-0/14. Bids shall be accepted by firms which has been prequalified in the 6969 pool and those that met the following (which are the minimum requirements for the prequalification pool):

- Bidders shall be regularly engaged in the services of well drilling. Bidders shall provide a list of no less than three (3) projects representing their firm's experience performing well drilling services in Florida to depths greater than 1,500 feet below land surface. The list shall include the project name and number; name and address of the owner or owners of each well; the location, primary use, and approximate depth and diameter of each well that the vendor has constructed, repaired, or abandoned; the approximate date the work was completed; the amount of the contract as awarded and whether there were any ensuing change orders.

- In accordance with Florida Statutes Section 373.323 vendors must hold and maintain a valid water well contractors' license to perform the work of this solicitation. A copy of the license shall be included with the vendor's submittal.
- The types of licenses required are: State General Contractor (Prime and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

ANALYSIS FOR SBE - CONSTRUCTION

RECOMMENDATION – NO MEASURE			
Description of Work	Est. Cost	% of Item to Base Bid	SBE Availability
1. LOWER ZONE MONITOR WELL FA-1LR	1,389,995.00		
a) Mobilization for well drilling	50,000.00	1.56%	
b) Geophysical logging, video survey, water quality analysis, etc.	90,000.00	2.81%	
c) Construction of Lower Zone Monitoring Well FA-1LR	1,079,995.00	33.69%	
d) Design & Construction of drilling pad and sampling wells	165,000.00	5.15%	
e) Furnishing & Installing Well-Head	5,000.00	0.16%	
2. LOWER ZONE MONITOR WELL FA-4R	1,418,515.00		
a) Mobilization for well drilling	50,000.00	1.56%	
b) Geophysical logging, video survey, water quality analysis, etc.	90,000.00	2.81%	
c) Construction of Lower Zone Monitoring Well FA-1LR	1,108,515.00	34.58%	
d) Design & Construction of drilling pad and sampling wells	165,000.00	5.15%	
e) Furnishing & Installing Well-Head	5,000.00	0.16%	
3. PLUGGING LOWER ZONE MONITORING WELL FA-1L AND FA-4L	106,000.00		
a) Mobilization for well plugging and abandonment	70,000.00	2.18%	
b) Suppressing flow, plugging and proper abandonment of FA-1 well	18,000.00	0.56%	
c) Suppressing flow, plugging and proper abandonment of FA-4 well	18,000.00	0.56%	
Subtotal	2,914,510.00	90.91%	
Contingency	291,451.00	9.09%	
SBE Total	3,205,961.00	100.00%	0%

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Sr. Program Manager
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: NDWWTP INSTALLATION OF FA-1LR AND FA-4LR LOWER ZONE FLORIDAN
AQUIFER MONITORING WELLS AND PLUGGING AND ABANDONING
LOWER ZONES OF FA-1L AND FA-4L

RPQ No.: P0220

Estimate Amount: \$3,205,961 [\$2,914,510 Construction + \$291,451 Contingency]

Funding Sources: EW 660, WASD Revenue Bonds Sold

Small Business Enterprise – Goods & Services - No Measure Analysis for Recommendation (Attached)

Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

The Project consists of furnishing all materials, labor and equipment necessary to construct two Lower Floridan monitoring wells, sampling eight shallow monitoring wells, and plugging and abandoning the lower zones of monitoring wells FA-1 and FA-4 including testing and installing new wellheads at the North District Wastewater Treatment Plant located in 2575 NE 151st Street, Section 21, Township 52, Range 42; Miami Dade County Florida.

CONSIDERATIONS FOR ANALYSIS:

1. The Project involves the construction of two lower Floridan monitoring wells at the site of an operating wastewater treatment plant.
2. This project involves the construction of Lower Floridan Monitoring Wells with steel casing to depths of over 1,500 feet.
3. The major portions of the work involves mobilization of drilling rig and construction of wells
4. The project also includes all testing and required video surveys to insure proper construction of well

Analysis for Small Business Enterprise – Goods and Services Recommendation				
Item	Goods & Services	Prime Contractor	Sub-Contractor	SBE Availability
1.	GOODS: Steel casing Well Head	X X		
2.	SERVICES Well Drilling Video Survey Geophysical Logging Water Quality Analysis	X X X X	 X X X	