

**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

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

From: Isaac Smith, Manager
Construction Contracts Section

Department: Miami-Dade Water and Sewer Department

Contract Title: Southwest Wellfield Middle Lagoon
Removal of Calcium Carbonate

Contract No.: W-927

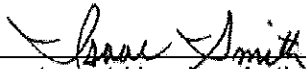
Estimate Amount: \$13,590,050 (See breakdown below)

\$12,781,000 Construction + \$639,050 Contingency + \$170,000 Dedicated Allowance]

Funding Source: EW101, Water Operating Revenues

CSBE GOAL – 15.7%

Analysis for Recommendation (SEE NEXT PAGE)



Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

The project consists of furnishing all materials, labor and equipment necessary to remove calcium carbonate residuals from the middle lagoon of the Southwest Wellfield, located at 8601 SW 127 Avenue, Section 35, Township 54, Range 39, Miami-Dade County, Florida. The calcium carbonate is the material removed from the basins during the softening process. The material is inert and non-toxic, and in its dry stage it is a very fine powder.

The work includes, but is not limited to, clearing, grubbing, excavating, loading, hauling and legally disposing of calcium carbonate residuals in trucks with watertight bodies and covers, and hauling away approximately 612,000 cubic yards of calcium carbonate and legally disposing of the material at an offsite location provided by the Contractor; performing street cleaning along the calcium carbonate haul route; breaching the existing dike and reconstructing the dike with new limerock material at the completion of work; operating and maintaining a truck wash station for the duration of the project; furnishing and installing limerock fill as required; restoration of any areas affected by the work; traffic control; survey work; complying with security restrictions; and all other miscellaneous and appurtenant items and work for a complete and satisfactory project.

Project Requirements:

1. At the Southwest Wellfield, work shall be allowed from 7:00 a.m. to 7:00 p.m. Monday through Friday. Work on weekends and holidays may be conducted only with the prior permission of the Department. The haul route shall be from the lagoon to the wellfield road in a southwest direction to the gate at SW 127 Avenue then turn left to SW 88 Street (Kendall Drive). All returning trucks shall follow the same route or the route in effect at the time of their return.
2. The Contractor shall comply with all requirements (including haul routes, traffic control, pre and post-construction video filming of the haul routes, street cleaning, watering and other methods for dust control, truck washing, and laws regulating loads on vehicle) imposed by Miami-Dade County and any other agencies having authority, all at no additional compensation.
3. The Department has allocated certain funds for this project. Should the amounts bid exceed expected levels, the Department reserves the right to either reduce quantities and/or delete elements of the work while proceeding at the prices bid, or reject bids and re-advertise at its sole option.
4. The minimum vehicle capacity used by the Contractor shall be 15 cubic yards. The Contractor shall be expected to operate at a rate greater than 6 trucks per hour averaged over the work day.
5. All vehicles shall be washed as they exit the lagoon to prevent spread of calcium carbonate residuals and other waste materials into the wellfield roadway and adjacent public streets. The Contractor shall immediately respond to complaints brought to the attention of the Department by individuals or governing authorities affected by the work of this project.
6. Street sweepers and water trucks shall be utilized daily to keep the streets within the Southwest Wellfield site and along the truck routes clean and to keep dust or calcium carbonate residual from becoming a nuisance to property owners in the vicinity. The Contractor shall maintain a sweeper, water truck, loader and dump truck at the project site to perform cleanup of any accidental spills along the haul route, as required or when directed by the Engineer. This equipment shall also be utilized to perform a minimum of two daily street cleanings within the site and along the haul route, at least once in the morning and in the afternoon or more frequently as required or when directed by the Engineer.

The Types of Licenses required are: State of Florida General Contractor, General Engineering Contractor, Miami-Dade County General Contractor, and/or other categories as applicable to Chapter 489 of the Florida Statutes or Chapter 10 of the Miami-Dade County Code.

CWP IS NOT APPLICABLE

Analysis for CSBE Recommendation				
Recommendation – 15.7%				
Item	Sub-Trade	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	MOBILIZATION	\$ 250,000	1.9	
2.	SITework – CIVIL a. Clearing \$100,000 b. Grubbing \$ 90,000 c. Access Road \$ 40,000 d. Grading \$ 270,000	\$ 500,000	3.7	3.7
3.	DEPOSIT REMOVAL & DISPOSAL	\$10,120,000	75.4	
4.	EXCAVATION & HAULING	\$ 1,340,000	10.0	10.0
5.	TRUCK WASHER & METER	\$ 264,000	2.0	2.0
6.	TRAFFIC CONTROL, STREET CLEANING & ROAD MAINTENANCE	\$ 307,000	2.3	
	SUB-TOTAL	\$12,781,000		
	Contingency (5%)	\$ 639,050	4.8	
	TOTAL FOR CSBE (Subtotal & Contingency)	\$13,420,050	100.0	CSBE 15.7%
	Total Dedicated Allowances	\$ 170,000		
	PROJECT TOTAL	\$ 13,590,050		

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-927

*Reference corresponding project number when submitting a work order

Contract/Project Title: Southwest Wellfield Middle Lagoon Removal of Calcium Carbonate

Description/Scope of Work: See Attached

Estimated Cost: 13590050 **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.
8601 SW 127 Avenue, 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:Funding Source EW101, Water Operating Revenues

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
Sitework - Civil	\$500,00	3.7%	3.7%
Excavation & Hauling	\$1,340,000	10.0%	10%
Truck Washer & Meter	\$264,000	2.0%	2.0

RECOMMENDATION

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

Basis for Recommendation: CWP Not Applicable

Date submitted to DBD: 05/23/2014

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