

DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION

To: Jack Osterholt, Deputy Mayor and Director  
Regulatory and Economic Resources

From: Leo Vargas, OCI Supervisor  
Procurement Section.

Department: Miami-Dade Water and Sewer Department

Contract Title: RPQ P0082 South District Wastewater Treatment Plant Screening Systems  
Improvements for Plants 1 & 2 (S-863)

Contract No.: CICC7360-0/08

Estimate Amount: \$4,532,320 [\$3,833,920+\$698,400 Contingency and Dedicated Allowances]

Account Funds:

**RECOMMENDATION – 5.5% CSBE**

Analysis for Recommendation

Item	Description	Estimated Cost	% of Item to Base Bid	CSBE Availability
1.	<b>GENERAL CONDITIONS:</b> - Mobilization	\$690,570	16.4%	
2.	<b>ARCHITECTURAL:</b> - Thermal & Moisture Protection Doors & Windows Coatings & Finishes	\$114,950	2.7%	<b>CSBE</b>
3.	<b>CIVIL – SITEWORK:</b> - Stormwater Control: Drainage piping; Catch Basins and prop. Retention Pond Misc. Sitework & Masonry	\$77,500	1.8%	<b>CSBE</b>
4.	<b>STRUCTURAL:</b> - Reinforced Concrete Construction Prestressed Concrete Joist High Build Fiber Reinforced Sewer Rehab.	\$916,600	21.7%	
5.	<b>MECHANICAL:</b> - HVAC	\$40,000	0.9%	<b>CSBE</b>
6.	<b>MECHANICAL:</b> - Screening Equip.-Grit Chamber & Bypass Perforated Plate Fine Screens Service Water Booster Pump Systems Fire Protection & Fire Alarm System Mechanical Systems & Equipment	\$1,434,000	32.5%	
7.	<b>ELECTRICAL/INSTRUMENTATION:</b> - Instrumentation; Control Panels; RTU's; Electrical Feeders; Motor Control Centers; Breakers; Grounding System & Electrical Equipment	\$925,900	22.0%	
8.	<b>CONTINGENCY ALLOWANCE</b>	\$383,400	9.1%	
9.	<b>SUBTOTAL &amp; CONTINGENCY ALLOW.</b>	<b>\$4,217,320</b>	<b>100.0%</b>	

RC Date:

10.	DEDICATED ALLOWANCES: - Permits & Inspection Fees; Unforeseen Mechanical Repairs to Process Equipment	\$315,000	10.1%	
11.	<b>TOTAL</b>	<b>\$ 4,523,320</b>	<b>100%</b>	

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

**SCOPE OF WORK**

The work is located at the South District Wastewater Treatment Plant, 23300 S.W. 88th Avenue, located in Section 21, Township 56, Range 40, of Miami-Dade County, Florida.

The project consist of furnishing all materials, equipment, labor necessary to construct Screenings Systems Improvement for Plants 1 & 2 consisting of grit chamber and bypass channel modifications, including, but not limited to, perforated plate fine screens, washer/compactors, service water booster pump systems, bulkheads, sluice gates, modifications to air diffuser and water lines, interior mechanical equipment, grit collector systems, shafts, sprockets, buckets, chains, reinforced concrete construction, prestressed concrete joist, grit chamber and bypass channel interior rehabilitation, concrete walkways with canopy, air conditioning system upgrades, fire protection and fire alarm system, new electrical feeders, motor control centers, grounding system, RTU, instrumentation and control system, sitework, drainage piping, catch basin, proposed retention pond, testing, startup, training, warranties and all other appurtenant and miscellaneous related items and work necessary for a completed project.

RC Date:

**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.:** P0082

\*Reference corresponding project number when submitting a work order

**Contract/Project Title:** South District Wastewater Treatment Plant Screening Systems Improvements for Plants 1 & 2 (S-863)

**Description/Scope of Work:** This project consists of furnishing all materials, labor and equipment necessary to construct Screenings Systems Improvement for Plants 1 & 2 consisting of grit chamber and bypass channel modifications, including, but not limited to, perforated plate fine screens, washer/compactors, service water booster pump systems, bulkheads, sluice gates, modifications to air diffuser and water lines, interior mechanical equipment upgrades, including, grit collector systems, shafts, sprockets, buckets, chains, reinforced concrete construction, prestressed concrete joist, grit chamber and bypass channel interior rehabilitation, concrete walkways with canopy, air conditioning system upgrades, fire protection and fire alarm system, new electrical feeders, motor control centers, grounding system, RTU, instrumentation and control system, sitework, drainage systems, and catch basins, proposed retention pond, and all other miscellaneous work for a complete and operable system.

**Estimated Cost:** 4532343 **Funding Source:** Federal funds

**Location of Project** (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> Ct or Starts at 135 St. ends at 145 St.  
8950 SW 232 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:** \_\_\_\_\_

**Date submitted to DBD:** 09/12/2012

**Contact Person:** Miguel Hernandez

**Telephone No.:** 786-552-8803