

**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.:** **P0254**

\*Reference corresponding project number when submitting a work order

**Contract/Project Title:**    **CD 2.26 Actuator Platforms at Oxygenation Trains CDWWTP**

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

**Estimated Cost:** **110000**    **Funding Source:** **General 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.  
**Central District Wastewater Treatment Plant, located at 3989 Rickenbacker Causeway in Virginia Key, 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:The project is required for compliance with the Consent Decree with the US-EPA

**PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE)**    See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
<b><u>Construction</u></b>	\$	%	<b><u>N/A</u></b>
<b><u>G &amp; S</u></b>	\$	%	<b><u>N/A</u></b>
	\$	%	

**RECOMMENDATION**

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

**Basis for Recommendation:Project is for the proposed fabrication of 4 aluminum platforms above several Oxygenation Trains at the Central District Wastewater Treatment Plant. The majority of the work will be performed by certified welders.**

**Date submitted to DBD:****06/15/2021**

**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: CD 2.26 Actuator Platforms at Oxygenation Trains CDWWTP

Contract No.: P0254

SBE Estimate: \$110,000 (\$100,000 Construction & \$10,000 Contingency)

Funding Source: EW 670, WASD Revenue Bonds Sold

**Small Business Enterprise – Construction –  
“No Measure”  
Analysis for Recommendation (Attached)**



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.

The work consists of furnishing all materials, labor, and equipment necessary for the construction of four (4) aluminum platforms at the Central District Wastewater Treatment Plant, located at 3989 Rickenbacker Causeway in Virginia Key, Florida. The purpose of the aluminum platforms will be to provide access to the existing four (4) actuator valves at the Oxygenation Trains at Plant 2.

The work entails taking accurate as-built dimensions prior to fabrication of the 4 aluminum platforms. Fabrication of the four (4) platforms shall be done in shop and off site. Prior to installation of the four (4) aluminum platforms, the Contractor is required to pressure wash the working areas, repair any large concrete cracks, and cut, remove and modify portions of the existing railings for the installation of the platforms.

The work will be done at the site of an existing wastewater treatment plant, which will remain in operation during the prosecution of the work. The contractor's activities shall not adversely affect the operations or impact the treatment capacity of the plant.

It is Miami-Dade Water and Sewer Department's intent to obtain a completely functional and satisfactory installation under this project, and any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this and shall be supplied whether or not they are specifically shown on the plans or stated in the specifications. The Contractor shall provide all bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or

system.

**LICENSES:** The types of licenses required are: State General Contractor (Prime), General Engineering Contractor (Prime), and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code. The fabrication and installation shall be performed by certified welders.

**MINIMUM CONSTRUCTION EXPERIENCE OF THE CONTRACTOR:**

- A. With their bid, the successful Bidder shall submit proof that his/her firm has at least the minimum successful contract experience as required below for this Contract being bid. Such proof shall consist of a list of projects, completed prior to the bid date, with the names and telephone numbers of the owners or representatives that the Department can contact to confirm the listed experience.
- B. In addition to submittal requirements stated elsewhere, to qualify for work on this Contract, the Bidder shall be experienced in municipal facilities, specifically for wastewater treatment plants.
- C. The fabrication of the four (4) aluminum, platforms shall be done by a vender normally engaged in metal fabrication of this type.
- D. The fabrication vender shall have AWS Certified welders holding current welding certificates and provide shop drawings.
- E. The bidder shall provide the name and address of the selected vender and a listing of three (3) projects of similar scope along with photographs of finished project.

**COMMUNITY WORKFORCE PROGRAM**

**CWP PARTICIPATION: Not Applicable, project is not located in a DTA.**

**ANALYSIS FOR RECOMMENDATION**

Analysis			
"No Measure" Recommendation			
Item No.	Description	Amount	%
1	General Requirements	\$ 20,000.00	18.2%
2	Crack Repairs	\$ 2,300.00	2.1%
3	Modification of Existing Railings	\$ 2,700.00	2.5%
4	Furnish and install actuator platform	\$ 75,000.00	68.2%
<b>5</b>	<b>BASE BID SUBTOTAL (Sum of Line Items 1 through 4)</b>	<b>\$ 100,000.00</b>	
	Contingency Allowance Unforeseeable Conditions	\$ 10,000.00	9.1%
	<b>SBE TOTAL</b>	<b>\$ 110,000.00</b>	<b>100.0%</b>

**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: CD 2.26 Actuator Platforms at Oxygenation Trains CDWWTP

Contract No.: P0254

SBE Estimate: \$110,000 (\$100,000 Construction & \$10,000 Contingency)

Funding Source: EW 670, WASD Revenue Bonds Sold

**Small Business Enterprise – Goods & Services – “No Measure”  
Analysis for Recommendation (Attached)**



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.

The work consists of furnishing all materials, labor, and equipment necessary for the construction of four (4) aluminum platforms at the Central District Wastewater Treatment Plant, located at 3989 Rickenbacker Causeway in Virginia Key, Florida. The purpose of the aluminum platforms will be to provide access to the existing four (4) actuator valves at the Oxygenation Trains at Plant 2.

It is Miami-Dade Water and Sewer Department’s intent to obtain a completely functional and satisfactory installation under this project, and any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this and shall be supplied whether or not they are specifically shown on the plans or stated in the specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

**CONSIDERATIONS FOR ANALYSIS:**

1. The project involves the construction at an operating wastewater treatment plant, on processes utilizing and working in a pure oxygen rich environment.
2. The project also involves the custom fabrication and design of the aluminum platforms.
3. The Department has evaluated the project for possible opportunities for participation in the area of SBE – Goods and Services. Based on the scope and nature of the work, we have concluded that there are very limited opportunities for participation on this project, as the largest percent is for the fabrication and welding of the aluminum platforms. A “No Measure” recommendation is suggested: