

Memorandum



Date: March 1, 2018

To: Gary T. Harfield, Division Director
Small Business Development

A handwritten signature in blue ink, appearing to read "Isaac Smith".

From: Isaac Smith, Sr. Program Mgr.
Water and Sewer Department

Subject: Justification for "NO MEASURE" Recommendation - RPQ #P0212, CDWWTP 90-Inch Ocean Outfall Permanent Repair of 90" Valve Structure

Last year, due to a leak in our 90-inch Ocean Outfall at the Central District Wastewater Treatment, we mobilized the MCC 7360 Plan ERT 1 and initiated an emergency repair via RPQ #P0203. Due to sewage being actively expelled from the 90-inch outfall pipe, the goal of P0203 was to just temporarily plug the leak.

The work of RPQ# P0212 is **very urgent and is needed to perform permanent repairs** to the same outfall, which is critical to the operations at the Central District Wastewater Treatment Plant, located in Virginia Key, 3989 Rickenbacker Causeway, Section 16, Township 54, Range 42, Miami-Dade County, Florida 33149.

At this project site the Community Workforce Program is not applicable. In addition:

- The project is for the off-shore repair of a subaqueous 90-inch concrete pipe, located $\frac{3}{4}$ of a mile off-shore.
- The Additional Qualifications provided in SP 1.0 of the Special Provisions do not apply (including all provisions of paragraphs A and B)

A "No Measure" determination is recommendation, as there is insufficient availability amongst SBE firms to perform the work. Special considerations for this project includes, but is not limited to the following:

- Perform all work from an offshore barge or sea going vessel.
- Provide the services of commercial divers
- Construct a new tremie slab above the existing 90-inch plug valve structure
- Furnish and install all materials for a mechanical seal
- Furnish and install concrete, reinforcing and grout for a saltwater environment
- Provide video documentation of repair, including, TV inspection prior to, during and upon completion of the work.

Finally, we are hereby requesting the assistance from your Department for approval of the "No Measure" determination for both SBE-Construction and SBE-Goods & Services. Also for no CWP goal as it does not apply at this location.

Attached for your use is an engineer's estimate detailing the work.

Attachment

DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION

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

From: Jose Vilaboy
Contract Compliance Spec II

Department: Miami-Dade Water and Sewer Department

Contract Title: RPQ P0212 CDWWTP 90-INCH OCEAN OUTFALL PERMANENT REPAIR OF THE 90-INCH VALVE STRUCTURE

Contract No.: MCC-7360 Program

Estimate Amount: \$ [\$295,100.00 Construction + \$81,595.15 Contingency, Mobilization and Pollution Control]

Account Funds: WASD Funds.

RECOMMENDATION

CSBE Goal – 0% (No Availability) No Goal.

Analysis for Recommendation

| Item | Description | Estimated Cost | % of Item to Base Bid | CSBE Availability |
|------|--|----------------|-----------------------|-------------------|
| 1. | <p>The project consists of providing all labor, equipment and supplies to perform a permanent repair over the leak (temporarily patched on 8/5/2015) at the top of the existing 90" plug valve structure that is a part of the Central District Wastewater Treatment Plant (CDWWTP) 90" ocean outfall pipeline. The permanent repair includes the installation of a mechanical seal and construction of a tremie slab over the existing 90" plug valve structure. The work of this project includes, but is not limited to, immediate mobilization; providing the services of commercial divers; complying with OSHA requirements; furnishing and installing materials for the repair; furnishing and installing materials necessary for the</p> | \$295,100.00 | 74% | |

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|--|--|---------------|-----|--|
| | mechanical seal; constructing a new tremie slab; furnishing and installing concrete, reinforcing and grout materials suitable for a saltwater environment; furnishing and installing fasteners to the existing structure; coordinating with WASD forces to install the mechanical seal at a reduced flow time; providing TV inspection during the work and upon completion; assisting Department forces in inspecting the work; and all other appurtenant and miscellaneous items and work for a complete, fully functional and satisfactory project located near 25°44.698N, 80°7.772W, approximately 4,400-ft offshore from the CDWWTP in Virginia Key, Miami-Dade County, Florida | | | |
| | Sub Total | \$295,100.00 | | |
| | Mobilization | \$29,510.00 | 10% | |
| | Pollution Prevention | \$2,951.00 | 1 % | |
| | Sub-Total | \$ 327,561.00 | | |
| | Contingency | \$49,1324.15 | 15% | |
| | TOTAL | \$ 376,695.15 | | |

Department Head or Authorized Agent.

