

## ECUA GENERAL RESOLUTION NO. GR20-50

A GENERAL RESOLUTION AUTHORIZING THE ACCEPTANCE OF BID AND AWARDING A CONTRACT; AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE A CONTRACT WITH BROWN CONSTRUCTION OF NORTHWEST FLORIDA, INC., (BROWN) FOR \$1,106,821.29 TO CONSTRUCT THE MOBILE HIGHWAY AND PERDIDO KEY TANK DISCHARGE BOOSTER PUMPS; AUTHORIZING THE USE OF FUNDS FROM SEVERAL BUDGETS.

BE IT RESOLVED BY THE EMERALD COAST UTILITIES AUTHORITY:

- WHEREAS, the Emerald Coast Utilities Authority (hereinafter "ECUA") Board previously approved establishment of Capital Improvement Program (CIP) projects for construction of a booster pump on Mobile Highway and a booster pump on the Perdido Key Tank Discharge; and
- WHEREAS, the ECUA hired engineering firms, Municipal Engineering Services, Inc., to perform the site design and Mott MacDonald to perform the electrical design; and
- WHEREAS, on September 10, 2020, ECUA received competitive bids for CIP Projects RW626 - Mobile Hwy Booster Pump and RW627 - Perdido Key Tank Discharge Booster Pump; and
- WHEREAS, Brown submitted the lowest responsive bid for the project in the total amount of \$1,106,821.29; and
- WHEREAS, the staff requests a contingency amount of \$63,178.71 for a total of \$1,170,000 (\$1,106,821.29 + \$63,178.71)

NOW THEREFORE, be it resolved by the Emerald Coast Utilities Authority:

- SECTION 1. ECUA hereby authorizes the acceptance of bid and award of contract to Brown; and
- SECTION 2. ECUA hereby directs and authorizes the Executive Director to execute a contract consistent with the bid terms; and
- SECTION 3. ECUA hereby authorizes creation of a joint project and the use of funds in the amount of \$1,170,000, with \$200,000 transferred from RW627 - Perdido Key Tank Discharge Booster Pump, \$182,496 transferred from RW626 - Mobile Hwy Booster Pump, and \$787,504 transferred from CW115 - Humphreys Well Replacement; and

SECTION 4. This General Resolution shall take effect upon adoption.

Approved as to form:

Adopted on:

\_\_\_\_\_  
ECUA General Counsel

ATTEST:

\_\_\_\_\_  
Amanda Miller, Administrative Coordinator

\_\_\_\_\_  
Lois Benson, Board Chairman

Date: October 20, 2020  
Account Number:  
Amount: \$1,170,000  
Type of Resolution: General Resolution

**EXPLANATION TO ECUA BOARD**

Originating Department: Water Production

REMARKS:

**Mobile Highway Booster Pump Station**

When the Mobile Highway tank fills, it produces low pressure in one area of the system and requires high pressures in another area of the system. This has necessitated only filling the tank during the low demand times, such as night time. Installing the booster pump along Mobile Highway would alleviate this issue and allow the Mobile Highway tank to be filled during the day without these pressure issues. The installation of this booster pump will also allow additional production from the Dunaway well and improve the reliability of the water system.

**Perdido Key Elevated Storage Tank Discharge Booster Pump**

The Perdido Key elevated storage tank is unable to discharge to the system unless pressures are lowered throughout Perdido Key. This makes it a challenge to effectively utilize the tank. A booster pump installed on the discharge line would allow the tank to discharge to the system with normal system pressure. This will also improve pressure in the Key area during high flow events.

The bids received were higher than the original engineer's estimate, which was utilized to establish the project budgets. This is due to several factors, including overall increases in material prices, and especially an increase in electrical costs since the original estimate. With this in mind, staff took several steps to control costs to the extent possible. These two projects were bid together in an effort to save cost. In addition, both projects were bid with a deductive alternate of providing a "package" electrical system rather than the standard designed and fabricated electrical system similar to what is in use at other ECUA facilities. However, bids demonstrated that savings due to this alternate is negligible, so since the base bid would reduce operations and maintenance (O&M) costs due to standardization and increased reliability, staff does not recommend award of this alternate. This negligible difference in electrical cost

highlights the cost effectiveness of the standard ECUA design. The bid amounts were closer to the more recent engineer's estimates and bids were close to each other, therefore, staff recommends proceeding with the work.

The bids received from the contractors are shown in the table below:

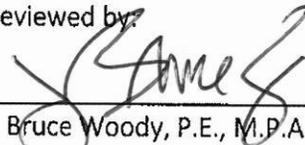
	Brown Construction of Northwest Florida, Inc. (Brown)	Pensacola Concrete Construction (PCC)
Mobile Highway Base Bid	\$682,051.31	\$687,348.50
Deductive Alternate	\$0	(\$6,710.00)
<i>Total Mobile Highway Site</i>	<i>\$682,051.31</i>	<i>\$680,638.50</i>
Perdido Key Tank Disch. Base Bid	\$424,769.98	\$448,499.85
Deductive Alternate	\$0	(\$6,600.00)
<i>Total Perdido Key Site</i>	<i>\$424,769.98</i>	<i>\$441,899.85</i>
<b>Grand Total</b>	<b>\$1,106,821.29</b>	<b>\$1,122,538.35</b>

Submitted by:



Thomas Dawson, Jr., P.E.  
 Director of Water Production  
 969-3341

Reviewed by:



J. Bruce Woody, P.E., M.P.A.  
 Executive Director