



Date: May 19, 2015

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Donald F. Greeley, Director, Water Management
Subject: Lockhaven Lift Station Replacement – Construction Contract Award to Water & Waste Systems Construction, Inc.

Executive Summary

The Department of Water Management opened bids on May 12, 2015 for the Lockhaven Lift Station Replacement project. The project consists of replacing an existing aged and failing air ejection pump lift station with a new submersible pump lift station. The Department recommends the contract be awarded to Water & Waste Systems Construction, Inc., the lowest responsive and responsible bidder. Additionally, the Department recommends a contingency of approximately 10% be established for the project.

Recommendation

The Department recommends City Council:

1. Authorize the City Manager to execute a contract with Water & Waste Systems Construction, Inc. for the Lockhaven Lift Station Rehabilitation project in the amount of \$304,000.00.
2. Establish a contingency fund for the contract in the amount of \$30,000.00.
3. Authorize the City Manager to negotiate change orders for the contract provided that the cost of all change orders does not exceed \$30,000.00 and the total project cost does not exceed \$334,000.00.

Background

The Lockhaven Lift Station Replacement project was designed to replace an aged and failing air ejection style lift station with a new submersible style lift station. The Lockhaven station was built circa 1988 and serves roughly 66 homes in the Lockhaven Hills subdivision south of Latta Road, between Guess Road and N. Roxboro Street. In recent years it has been a major source of unscheduled repairs and costly maintenance. The project was informally bid and two bids were received.

Issues and Analysis

The bid results are:

Contractor	Total Bid
Water & Waste Systems Construction, Inc.	\$304,000.00
T.A. Loving Company	\$710,000.00

Bid received were greater than the engineer estimate. Conversations with Water & Waste Systems Construction, Inc. indicate that the small size of the project site is restrictive for construction equipment. For this reason, additional effort will be required to maneuver

construction equipment on the site, which accounts for the majority of the discrepancy in the engineer's cost estimate and the bid prices received.

The Department is not aware of any of any projects completed in the city by Water & Waste Systems Construction, Inc. However, Dewberry has previous experience with their firm on two separate projects. Dewberry indicated that these projects had successful completion.

The Department recommends the City Council award the contract to Water & Waste Systems Construction, Inc., the lowest responsible and responsive bidder.

Alternatives

Alternative 1: Do not go forward with the project – This is not recommended at this time. The existing lift station is a maintenance problem due to the age and style of the equipment. For several weeks this year the station required emergency bypassing using temporary diesel powered bypass pumps while the existing pump station was repaired. Replacing the pump station with a submersible style station will reduce the maintenance required at the station and will eliminate the need for costly bypass pumping. Additionally, when maintenance is required it can be more easily performed on a submersible style pump station.

Financial Impact

Funding for this contract is available in the following accounts:

Lockhaven Lift Station Replacement		
	\$304,000.00	4100P002-731000-P28AC
(contingency)	\$30,000.00	4100P002-731900-P28AC
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Total	\$334,000.00	

SDBE Summary

The Equal Opportunity/Equity Assurance Department reviewed the proposal submitted by Water and Waste Systems Construction, Inc., Garner, NC and has determined that they are in compliance with the Ordinance to Promote Equal Business Opportunities in City contracting.

SDBE REQUIREMENTS

There are no goals for this project.

Workforce Statistics

Workforce statistics for Water and Waste Systems Construction, Inc., Garner, NC are as follows:

Total Workforce	9	
Total Females	2	23%
Total Males	7	77%
Black Males	0	0%
White Males	3	33%
Other Males	4	44%
Black Females	0	0%
White Females	2	23%

Other Females 0 0%