



Interoffice Memorandum

June 26, 2017

TO: Mayor Teresa Jacobs
and Board of County Commissioners

FROM: Raymond E. Hanson, P. E., Director
Utilities Department

A handwritten signature in dark ink, appearing to read "R. Hanson", is written over the "FROM" line.

**SUBJECT: BCC AGENDA ITEM – Discussion Agenda
July 11, 2017 BCC Meeting
Amendment No. 2, Contract Y13-808 Professional Engineering
and Design Services for Replacement of L.B. McLeod Road
Solid Waste Transfer Station
Contact Person: James Becker, Manager
Utilities Solid Waste Division
407-254-9660**

The purpose of this amendment is to incorporate Phase III into the contract. Phase III is an integral component of the contract's basic scope. Initially, this project was intended to be a renovation of the existing facility. During the initial planning and development of the project it was determined that demolition and replacement of the existing facility with a new modern transfer station was preferable and more cost effective than renovating the existing facility. This includes replacement of the tipping building with a much larger building that can support growth in the area, replacing the scale house, adding additional scales and widening the entrance. Replacement of the site's electrical, water, wastewater and stormwater systems is being conducted. Scales are being added in the tunnel to conduct more efficient transfer of waste. A new operations building and maintenance shop are also included in the project. The life of this new facility should be at least 30 years.

At the 60% design level the estimate for construction of the new transfer facility is \$20,100,000. Services during construction includes construction management and quality assurance services, general engineering services, technical support, shop drawing reviews, and contract clarification services during construction. Additional services during construction include administration of progress meetings, technical site visits, construction schedule review and analysis, review of pay applications, assisting with the negotiation of change orders, conducting substantial and final inspections, coordinate with the Contractor during startup of operations, completion of Certification of Construction documents for the Florida Department of Environmental Protection and the City of Orlando Building Department.

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The following are previous contract actions:

Original Contract Date: 8/1/2014 Contract Amount: \$1,600,000.00

On September 24, 2013, the Board approved the contract in a not to exceed amount of \$1,600,000 to be negotiated in phases. The contract was awarded on August 1, 2014, in the initial amount of \$304,547.48 (Phase I facility programming and development planning services). The estimate of \$1,600,000 for engineering services was based on a 2004 estimate to rehabilitate the existing tipping building and was estimated at a construction cost of \$8,000,000.

Amendment 1: 12/1/2015 Amendment Amount: 1,289,743.00

Phase II of the project was for preliminary design and initial permitting with the City of Orlando which was incorporated into the contract via Amendment No. 1 on December 15, 2015, in the amount of \$1,289,743.00, for a revised contract amount of \$1,594,290.48. The services for this phase are as follows:

- Engineering services including project management and coordination,
- Data collection,
- Evaluations and special purpose surveying,
- Preliminary design permit level design, and
- Initial Permitting with the City of Orlando.

The fee proposal is in accordance with the terms and conditions of the contract.

Staff will provide a brief presentation covering project background and updates.

Action Requested: Approval of Amendment No. 2, Contract Y13-808, Professional Engineering and Design Services for Replacement of L.B. McLeod Road Solid Waste Transfer Station with Neel-Schaffer, Inc. in the amount of \$2,785,318.80, for a revised contract amount of \$4,379,609.28.

All Districts.