



City of League City, TX

300 West Walker
League City TX 77573

Text File

File Number: 16-1081

Agenda Date: 6/28/2016

Version: 1

Status: Consent Agenda

In Control: Public Works

File Type: Agenda Item

Agenda Number: 10F.

Title

Consider and take action on a resolution authorizing Amendment No. 1 to the professional services agreement with Jones & Carter, Inc. for the additional design and construction phase engineering services related to the Bay Colony Lift Station Force Main Upgrade Project (WW1206), in an amount not to exceed \$58,000 (Deputy City Manager)

..Background:

Approval of this resolution will provide additional design and construction phase engineering services required to redesign the force main size. This includes location of point of discharge, and the rehabilitation and upgrade of the Bay Colony (MUD 14-15) Lift Station.

On June 12, 2012, City Council approved a professional services agreement with Jones & Carter, Inc. for the design and construction phase engineering services related to the upgrade and replacement of the existing 10-inch force main from the Bay Colony Lift Station with a 12-inch force main. The new force main was to extend from the Bay Colony (MUD 14-15) Lift Station, along Calder Road and Ervin Street, and discharge into the existing 18-inch gravity sewer at Butler Road and Ervin Street.

Recent development along Calder Road, the new 30-inch gravity sewer line, is being extended south to serve the Bayview development. The addition of the gravity sewer extension by the Bayview development, will allow the Bay Colony Lift Station proposed force main point of discharge to be located further south than originally designed. This will reduce the proposed force main length from 8,700 linear feet to approximately 5,500 linear feet. In addition to the reduction in length, the force main design will need to be revised from a proposed 12-inch force main to an 18-inch force main. The CDM Smith wastewater study recognized the need for the 18-inch force main. The study indicated that the existing firm pumping capacity of the Bay Colony Lift Station needed to be increased from 1,060 gallons per minute to a minimum of 1,885 gallons per minutes to accommodate future flows from the continued development of Bay Colony West.

In addition to the force main modifications, the Bay Colony Lift Station (MUD 14-15) will need to be rehabilitated and upgraded to accommodate the existing and future flow conditions and provide pumping capacity through the proposed 18-inch force main. Associated actions include wet well rehabilitation, pump upgrades, discharge piping upgrade, and related electrical control upgrades.

Jones & Carter's original fee for the force main design and construction phase engineering services was not to exceed \$187,600. Jones & Carter has requested an additional \$58,000 for the expanded project scope which includes the lift station upgrades. This negotiated fee is considered reasonable. The funding of \$58,000 is contingency released from project WW1002 Countryside Demo from the 2011 Revenue Bond fund.

Attachments:

1. Data Sheet
2. Proposed Resolution

3. First Amendment (signed)
4. Original Agreement (approved 6/12/12)
5. Aerial Maps

CONTRACT ORIGINATION: The Amendment No. 1 to City - Professional Agreement has been reviewed and approved by the City Attorney's office

FUNDING

{ } NOT APPLICABLE

{X} Funds are available from 2011 Revenue Bond Fund 124.

{ } Requires Budget Amendment to transfer from Account # _____ to Account # _____

Resolution No. 2016-63

