

ACTION FORM BRYAN CITY COUNCIL

DATE OF COUNCIL MEETING: June 9, 2015		DATE SUBMITTED: May 22, 2015	
DEPARTMENT OF ORIGIN: Engineering/PW		SUBMITTED BY: W. Paul Kaspar	
MEETING TYPE:	CLASSIFICATION:	ORDINANCE:	STRATEGIC INITIATIVE:
<input type="checkbox"/> BCD	<input type="checkbox"/> PUBLIC HEARING	<input type="checkbox"/> 1ST READING	<input checked="" type="checkbox"/> PUBLIC SAFETY
<input type="checkbox"/> SPECIAL	<input type="checkbox"/> CONSENT	<input type="checkbox"/> 2ND READING	<input type="checkbox"/> SERVICE
<input checked="" type="checkbox"/> REGULAR	<input checked="" type="checkbox"/> STATUTORY		<input checked="" type="checkbox"/> ECONOMIC DEVELOP.
<input type="checkbox"/> WORKSHOP	<input type="checkbox"/> REGULAR		<input checked="" type="checkbox"/> INFRASTRUCTURE
			<input type="checkbox"/> QUALITY OF LIFE
AGENDA ITEM DESCRIPTION: Consider approval of Change Order 2 to the Still Creek Wastewater Improvements Phase III Contract, City Project Number 411-D4-1102, to Elliott Construction, L.L.C., for the not to exceed amount of \$245,870.00.			
SUMMARY STATEMENT: The base construction contract includes replacement of approximately 6,500 linear feet of 42-inch and 36-inch trunk sewer line, and 2,200 linear feet of 18-inch, 12-inch and 8-inch lateral lines. The project starts at the Still Creek Wastewater Treatment Plant (WWTP) and runs along Still Creek north of State Highway 21, between Sandy Point Road and Harvey Mitchell Parkway, terminating near the Brazos County Detention Facility off Sandy Point.			
<p>Change Order 2 will replace approximately 850 linear feet of ductile iron pipe (DIP) inside of the Still Creek WWTP. The existing DIP is the primary pipe for transfer of raw wastewater from the head of the Still Creek Wastewater Treatment Plant to the aerated grit basin. This line operates under pressure and has been in service for over 30 years, with constant exposure to corrosive elements in raw sewage, which has degraded the pipe to the point where it requires frequent repairs. Since this is the only transfer pipe for the incoming sewage, a repair often requires shutting down the lift pumps and a resulting back up of raw sewage in the influent line.</p> <p>This change order will replace the corroded 12-inch and 20-inch DIP and fittings with a pipe that has a corrosion resistant epoxy coating; additionally the pipe exterior will be wrapped in a polyethylene material to provide a longer service life. A 12-inch gate valve will be replaced and a 20-inch gate valve installed to allow for better isolation of pipe system for maintenance purposes. Since this is the only transfer line, bypass pumping will be required during pipe replacement. The contract will also provide for the removal and disposal of a non-operations treatment component that is covering a portion of the line to be replaced.</p> <p>The original contract price was \$2,776,079.75 and there has been one change order with a cost of \$24,995.50. Change Order 2 has a cost of \$245,870.00 which is 8.86% of the original contract price, and results in a total increase to the original contract price of 9.76%, which is well below the 25% threshold set by Charter and State Law. The new contract amount will be \$3,046,945.25 and will increase the performance period by 15 working days for material lead time and construction.</p>			



STAFF ANALYSIS AND RECOMMENDATION: The existing DIP that transfers raw sewage from the head of the Still Creek Wastewater Treatment Plant to the aerated grit chamber is severely corroded, requiring frequent service, interrupting flow at the plant and requiring influent line backups during repair operations. This project will replace the line with a corrosion resistant pipe and fittings and provide a dependable influent line into the plant.

Staff recommends the City Council approve the proposed Change Order 2 to the Still Creek Sewer Improvements Phase III contract, City Project Number 411-D4-1102, in the not to exceed amount of \$245,870.00 and extend the contract performance period by 15 working days.

OPTIONS (In Suggested Order of Staff Preference):

1. Approve Change Order 2
2. Do not approve Change Order 2.

ATTACHMENTS: Change Order 2 (separate pdf file)

FUNDING SOURCE: Fund 515, Wastewater Operating Funds - \$245,870.00.

APPROVALS: Jayson E. Barfknecht 05/22/15; Hugh R. Walker, 05/30/2015

APPROVED FOR SUBMITTAL: CITY MANAGER Kean Register, 06/01/2015

APPROVED FOR SUBMITTAL: CITY ATTORNEY Janis K. Hampton, 06-02-2015