



**Purchasing Modification  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 11  
AGENDA DATE: Thu 03/04/2004  
PAGE: 1 of 3**

**SUBJECT:** Authorize execution of Change Order #6 to a Contract with J.F. WHITE CONTRACTING CO., Framingham, MA., for claims associated with the completion of the Onion Creek Tunnel Emergency Inspection & Liner Removal Project in an amount not to exceed \$60,897.63, for a total revised contract amount not to exceed \$6,296,516.35.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$60,897.63 is available in the 2003-2004 Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Purchasing **DIRECTOR'S**  
**DEPARTMENT:**for Austin Water Utility; **AUTHORIZATION:**

**FOR MORE INFORMATION CONTACT:** Diana Granger, Purchasing Officer/974-2050; Chris Lippe, Director, WWW/972-0108

**PRIOR COUNCIL ACTION:** November 21, 2002, Approved original contract for Onion Creek Tunnel Emergency Inspection & Liner Removal Project

**BOARD AND COMMISSION ACTION:** N/A

**PURCHASING:** N/A

**MBE / WBE:** 3.9% MBE and 2.1% WBE subcontractor participation to date.

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This request is for the approval of a change order for \$60,897.63 with J. F. White Contracting Co. (J. F. White) for work associated with completion of the Onion Creek Tunnel Emergency Inspection and Liner Removal Project. The City Council originally approved an emergency contract on November 21, 2002, with J. F. White in the amount of \$6,200,000 for inspection of a failing tunnel liner and liner removal services. Austin Water Utility (AWU) required this contract to remedy the threat to the safe utilization of the tunnel. J. F. White was required to inspect the tunnel, and remove the failed and failing liner before it caused a blockage to the wastewater flow, damaged the wastewater treatment facility, and/or caused sewage overflows. The scope of work under the contract included construction of a temporary bulkhead, operation of bypass pumping equipment, site photographs at access sites, inspection of the tunnel, taking concrete core samples, removal of the liner, removal and disposal of the liner, patching holes from the anchor bolts, removing (the estimated quantity of) debris associated with failing tunnel liner, permitting, etc. The \$6,200,000 included a \$560,570 contingency for unanticipated work and for a bonus in the event of early completion. J. F. White completed all work within 240 calendar days, which contractually entitled it to a \$100,000 early completion bonus; and five previous change orders were approved and processed for payment within the original amount approved by the City Council.

The claims associated with Change Order No. 6 were submitted by J.F. White for unanticipated costs for additional equipment and labor required to deploy the work and crews to: 1.) remove the unauthorized fiber optic carrier pipe that penetrated the tunnel and repair the tunnel, and 2.) remove the excess debris (outside the City's original scope of work in Change Order # 2) to clean the Williamson Creek Diversion Chamber. J.F. White's work plan had to be drastically altered to accommodate the work around the



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impediment and delay caused by the optic pipe that penetrated the tunnel. A second location for entering and exiting the tunnel had to be established, an extra work shift was required to maintain the progress of work, and additional equipment was required to allow J.F. White to work from two surface locations rather than just one. The value of this portion of the change order was \$14,456.13. The second cost component was for the debris in excess of the amount originally estimated by the City that had to be removed from the flow junction box at the top end of the Onion Creek Tunnel (located at the old Williamson Creek Wastewater Treatment Plant. Austin Water Utility had estimated only 20 cubic yards of material would have to be removed; however the complete cleanout of the flow junction box included an additional 30 cubic yard. The cost for the additional debris removal was \$46,441.50. Together, the two components equal \$60,897.63.

Contract No. PC237EX000201 Agreement History

DATE	CO #	DESCRIPTION	AMOUNT	TOTAL
11/21/02	CO #1	Original Contract	\$5,639,430	\$5,639,430
12/12/02		Administrative Change(to add HDR as additional insured)	\$ 0	\$5,639,430
6/12/03	CO #2	Cleaning of diversion box at the top end of the Onion Creek Tunnel at the old Williamson Creek WWTP (contingency)	\$197,200.00	\$5,836,630
6/26/03	CO #3	Contractor Claims for additional (and unanticipated) debris removal due to the fiber optic penetration of the tunnel (contingency)	\$ 78,992.07	\$5,915,622.07
7/17/03	CO #4	Repair of the unexpected fiber optic bore hole and the lateral connection at the New Airport shaft (contingency)	\$221,600.00	\$6,137,222.07



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9/19/03	CO #5	Bonus for Early Completion (Received \$100,000 bonus for completion between 180–240 days less credit of \$1,603.35). This includes an administrative increase of \$35,618.72 to cover the bonus.	\$ 98,396.65	\$6,235,618.72
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Proposed	CO #6	Claims associated with the completion of this project (cost for additional equipment and labor and quantity/cost adjustment for debris removal)	\$ 60,897.63	\$6,296,516.35
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Overall subcontractor participation: 3.9% MBE, 2.1% WBE and 2.44% Non M/WBE. There is no subcontracting participation for this change order #6.

## CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

2/12/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize execution of Change Order #6 to a Contract with J.F. WHITE CONTRACTING CO., Framingham, MA., for claims associated with the completion of the Onion Creek Tunnel Emergency Inspection & Liner Removal Project in an amount not to exceed \$60,897.63, for a total revised contract amount not to exceed \$6,296,516.35.

**FINANCIAL INFORMATION:**

Parent Project Name:	Wastewater Unfunded Future
Project Authorization:	2003-04 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	4570 237 2017

Current Appropriation	\$ 410,907,293.00
Unencumbered Balance	191,596,257.82 *
Amount of This Action	<u>(60,897.63)</u>
Remaining Balance	<u>\$ 191,535,360.19</u>
 Current Available Balance	 \$ 214,880,357.86
Less Outstanding Commitments	<u>(23,284,100.04)</u>
Estimated Unencumbered Balance	<u>\$ 191,596,257.82 *</u>

Utility Finance: \_\_\_\_\_



David Anders, Utilities Finance Manager

Date: 1/29/04

**REF. #4570 237 8935**