



**Change order
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 9
AGENDA DATE: Thu 02/05/2004
PAGE: 1 of 4**

SUBJECT: Authorize execution of change order # 18 to the construction contract with AUSTIN FILTER SYSTEMS, INC., Austin, TX, for 355 linear feet of 15 inch diameter wastewater line to be bored under the Fort Branch channel and for a 70 linear foot long utility bridge supporting a 12 inch diameter water line crossing the Fort Branch channel on the Fort Branch Bridge and Channel Improvement Project, increasing the contract in the amount of \$300,000, for a total contract amount not to exceed \$3,249,039.78.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$300,000 is included in the Fiscal Year 2003-2004 Capital Budget of the Austin Water Utility.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Public Works
DEPARTMENT:for Austin Water Utility;

**DIRECTOR'S
AUTHORIZATION:** Sondra Creighton

FOR MORE INFORMATION CONTACT: Dennis Crabill, 974-7232; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: August 29, 2002 Construction Contract

BOARD AND COMMISSION ACTION: N/A

PURCHASING: N/A

MBE / WBE: 22.96% MBE and 10.00% WBE subcontractor participation to date

The original project provided for the demolition and reconstruction of existing box culvert bridges with box beam bridges on Manor Road and Westminster Drive, excavation to lower the existing Fort Branch drainage channel, construction of approximately 1,350 linear feet of concrete channel bottom with gabion andrevet mattress side slopes, reconstruction of approximately 4,200 linear feet of wastewater line, repaving of one-half of Westminster Drive from Manor Road to Greenbrook Parkway and reconstruction of other minor utilities.

This change order provides for the replacement of an existing 12-inch diameter wastewater line that crosses under the Fort Branch channel from Trafalgar to Westminster with a 15-inch diameter wastewater line. Creek erosion has undermined the existing line and in July of 2003 the line failed within the channel, spilling an estimated 130,000 gallons of wastewater. Because this was a documented sewage overflow, it falls under the purview of the current Administrative Order addressing Sanitary Sewer Overflows issued to the City of Austin by the U.S. Environmental Protection Agency. Compliance with this Administrative Order requires rehabilitation of this segment within the established deadlines.

Due to the temporary nature of the emergency repair currently in place and the fact that the existing and proposed lines both tie into a new wastewater line installed as part of this contract, the proposed work is being added to this existing contract.

This change order also provides for the replacement of an existing 6 inch diameter water line that crosses under the Fort Branch channel and conflicts with the proposed channel bottom. The 6 inch diameter water line will be replaced with a utility bridge supporting a 12 inch diameter water line, east of the reconstructed Manor Road bridge.



**Change order
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 9
AGENDA DATE: Thu 02/05/2004
PAGE: 2 of 4**

<u>DATE</u>	<u>CO#</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>CO%</u>	<u>TOTAL</u>
08/29/02		Original Contract (+\$265,649.91contingency)	\$2,656,499.05	N/A	N/A
Contingency	1	Revision to type of rock berms used for erosion control, staging area rental agreement added to contract	\$13,830.00	0.52%	0.52%
Contingency	2	Revision to wastewater line in 51st Street	\$6,818.00	0.26%	0.78%
Contingency	3	Change from ductile iron to PVC wastewater line	(\$1,928.62)	(0.07%)	0.71%
Contingency	4	Revise traffic control during wastewater work within Westminster Drive to aid neighborhood traffic	\$4,500.00	0.17%	0.88%
Contingency	5	Revise plans from trench repair to repaving one-half of Westminster Drive after installing new wastewater line	\$20,017.96	0.75%	1.63%
Contingency	6	Increase size of PVC pipe and concrete encasement under Manor Road from 8" to 12"	\$1,830.00	0.07%	1.70%
Contingency	7	Increase quantity over run on 18" PVC wastewater pipe and add one new service	\$8,550.00	0.32%	2.02%
Contingency	8	Revision to plans required the extension of an existing water line and its connection to another line to maintain service to neighborhood businesses	\$9,442.00	0.36%	2.38%

RCA Serial#: 4156 Date: 02/05/04 Original: Yes

Published: Fri 01/30/2004

Disposition:

Adjusted version published:



**Change order
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 9
AGENDA DATE: Thu 02/05/2004
PAGE: 3 of 4**

Contingency	9	Revise traffic control at Westminster Drive bridge during its replacement to aid neighborhood traffic	\$11,172.00	0.42%	2.80%
Contingency	10	Removal of existing resident fencing, installation of chain link safety fence during construction and permanent wood fencing upon completion of work along channel	\$39,710.20	1.49%	4.29%
Contingency	11	Unforeseen field conditions required revisions to wastewater line and removal of additional trees	\$8,939.05	0.34%	4.63%
Contingency	12	Mediated settlement of claim by General Contractor about payment for precast retaining walls (consultant contributed \$25,000 toward settlement)	\$75,000.00	2.82%	7.45%
Contingency	13	Change to wastewater items to meet new city specifications	\$1,943.00	0.07%	7.52%
Contingency	14	Adjustment to payment of channel bottom concrete	(\$3,984.00)	(0.15%)	7.37%
Contingency	15	Install temporary sidewalk during Manor Road bridge construction, pumping of channel water required due to cities temporary repair of wastewater line (see CO #18), and additional wastewater items	\$34,324.00	1.29%	8.66%



**Change order
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 9
AGENDA DATE: Thu 02/05/2004
PAGE: 4 of 4**

Contingency	16	Extend gabions downstream from Westminster Drive bridge	\$29,999.64	1.13%	9.79%
-------------	----	--	-------------	-------	-------

Contingency/
Admin

Authority	17	Replace existing wastewater line too shallow for proposed gabions upstream of the Westminster Drive bridge	\$32,377.50	1.22%	11.01%
-----------	----	--	-------------	-------	--------

Proposed	18	New wastewater and water items	<u>\$300,000.00</u>	11.29%	22.30%
			\$3,249,039.78		

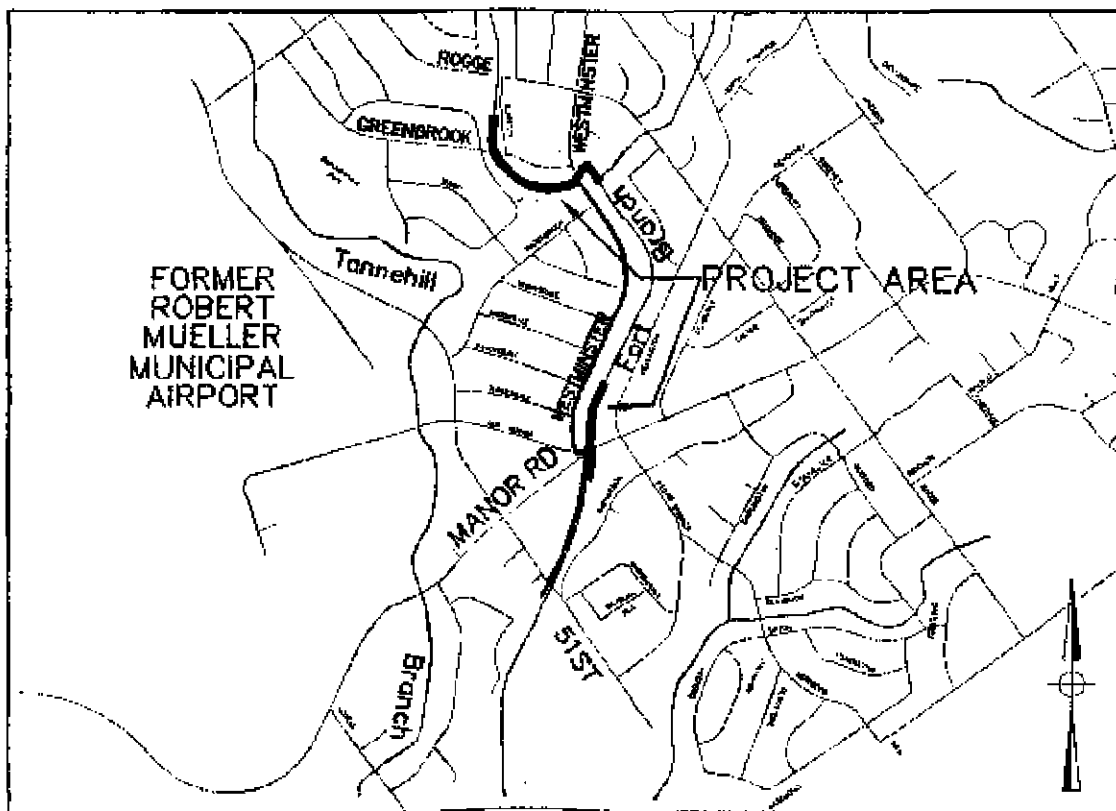
Subcontractor participation stated in the original contract was 0.00% African American, 21.95% Hispanic, 1.01% Native/Asian American and 6.59% WBE. Total participation for this change order:

<u>NON M/WBE TOTAL – PRIME</u>	–	<u>\$150,000.00</u>	<u>50.00%</u>
Austin Filer Systems, Austin, TX		\$150,000.00	50.00%

<u>WBE TOTAL – SUBCONTRACTORS</u>		<u>\$150,000.00</u>	<u>50.00%</u>
Ross Boring Ltd, Marble Falls, TX (Pipe boring)		\$150,000.00	50.00%

Overall subcontractor participation, including this change order: 0.00% MB, 17.95% MH, 0.00% NA, 10.00% WBE and 13.13% Non M/WBE.

Fort Branch Bridge and Channel Improvement Project



LOCATION MAP (NTS)

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

2/5/2004
Resolution
Austin Water Utility

DESCRIPTION:

Authorize execution of change order #18 to the construction contract with Austin Filter Systems, Inc., Austin, TX, NON MBE/WBE Prime for 355 linear feet of 15 inch diameter wastewater line to be bored under the Fort Branch channel and for a 70 linear foot long utility bridge supporting a 12 inch diameter water line crossing the Fort Branch channel on the Fort Branch Bridge and Channel Improvement Project, increasing the contract in the amount of \$300,000 for a total contract amount not to exceed \$3,249,039.78.

FINANCIAL INFORMATION:

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

Current Appropriation	\$ 410,907,293.00
Unencumbered Balance	198,028,800.69 *
Amount of This Action	<u>(225,000.00)</u>
Remaining Balance	<u>\$ 197,803,800.69</u>
 Current Available Balance	 \$ 219,619,065.73
Less Outstanding Commitments	<u>(21,590,265.04)</u>
Estimated Unencumbered Balance	<u>\$ 198,028,800.69 *</u>

Utility Finance: _____


David Anders, Utilities Finance Manager

Date: _____

1/14/04

REF. #4570 237 8750

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

2/5/2004
Resolution
Austin Water Utility

DESCRIPTION:

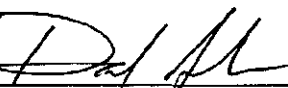
Authorize execution of change order #18 to the construction contract with Austin Filter Systems, Inc., Austin, TX, NON MBE/WBE Prime for 355 linear feet of 15 inch diameter wastewater line to be bored under the Fort Branch channel and for a 70 linear foot long utility bridge supporting a 12 inch diameter water line crossing the Fort Branch channel on the Fort Branch Bridge and Channel Improvement Project, increasing the contract in the amount of \$300,000 for a total contract amount not to exceed \$3,249,039.78.

FINANCIAL INFORMATION:

Parent Project Name:	Water Unfunded Future
Project Authorization:	2003-04 Amended Capital Budget
Funding Source:	Commercial Paper
Number:	3960 227 1019

Current Appropriation	\$ 271,508,739.00
Unencumbered Balance	81,311,017.73 *
Amount of This Action	<u>(75,000.00)</u>
Remaining Balance	<u>\$ 81,236,017.73</u>
 Current Available Balance	 \$ 85,513,562.50
Less Outstanding Commitments	<u>(4,202,544.77)</u>
Estimated Unencumbered Balance	<u>\$ 81,311,017.73 *</u>

Utility Finance: _____



David Anders, Utilities Finance Manager

Date: _____

1/14/04

REF. # 3960 227 7442