



**Recommendation for Council Action
Water & Wastewater Commission**

Council Meeting Date:	September 17, 2015
Department:	Public Works
SUBJECT	
Authorize execution of change order #4 to the construction contract with MOUNTAIN CASCADE OF TEXAS, LLC , for Boyce Lane Water Main in the amount of \$390,506.30, for a total contract amount not to exceed \$5,329,053.32. (District 1).	
AMOUNT AND SOURCE OF FUNDING	
Funding in the amount of \$390,506.30 is available in the Fiscal Year 2014-2015 Capital Budget of Austin Water.	
FISCAL NOTE	
A fiscal note is attached.	
Purchasing Language:	N/A
Prior Council Action:	February 28, 2013- Council approved the construction contract with Mountain Cascade of Texas, LLC.
For More Information	Brenda Baker, 512-974-1175; Yvonne Gill, 512-972-2048; Lucy Bonee, 512-974-7967; Elizabeth Godfrey, 512-974-7141
Boards and Commission Action:	To be reviewed by Water and Wastewater Commission on September 9, 2015.
MBE/WBE:	21.53% MBE and 4.47% WBE subcontractor participation to date including this change order.

This change order will cover Mountain Cascade of Texas, LLC's (the Contractor's) costs associated with addressing a conflict between the Boyce Lane Water Main project (the Project) and an 8-inch gas main. Currently, 94% of the project has been constructed but construction is on hold and the Contractor has demobilized due to the gas main conflict in Harris Branch Creek.

The Boyce Lane Water Main project consists of the trenchless construction of 15,250 linear feet of 24-inch water transmission main and appurtenances within Texas Department of Transportation right of way along East Parmer Lane, beginning at Harris Branch Parkway and ending near US Highway 290. An 8-inch high pressure gas main owned and operated by Texas Gas Service Company, a division of ONE Gas, Inc, ("TGS") runs along the north side of Harris Branch Creek. During construction of the Project, it was discovered that this gas main was not built in the location originally identified by TGS and conflicted with the proposed alignment of the new water main. The proposed water main crossing Harris Branch Creek could not be installed as designed and contracted because of this conflict and safety considerations.

The project team met with the Contractor to discuss design changes to install the 24-inch water main. Options included lowering the depth of the water main, considering other trenchless construction methods, relocating the gas main, and removing this scope of work from the construction contract. After review of all options and consideration of the associated costs, schedule and safety, it was determined the best path forward was to relocate the gas main and continue the installation of the water main in the originally planned location and depth, using hand mining rather than a trenchless construction method. This hand mining method will allow removal of the abandoned gas main out of the way of the proposed water main and the subsequent installation of the new water main. The City, as approved by Council on August 6, 2015, has entered into an agreement with TGS to relocate the existing 8-inch gas main away from the proposed water main alignment. The relocation of the existing gas main will take approximately 120 calendar days. The Contractor will complete the Project after the existing gas main is relocated.

This change order has been approved by the City's Change Control Committee. The Change Control Committee was established to comply with Council Resolution No. 20120126-048, which required the establishment of consistent criteria and process to evaluate contractual changes for all contracts administered by the Contract Management Department. The Change Control Committee is comprised of management-level subject matter experts.

This change order will cover the contractor's costs due to delay, demobilization, remobilization and the change in construction method. This project is located within zip code 78754 (District 1) and is managed by the Public Works Department.

Mountain Cascade of Texas, LLC is located in Mansfield, Texas.

AUTHORIZATION HISTORY

<u>AMOUNT</u>	<u>DATE -- DESCRIPTION</u>
\$4,674,205.00	02/28/13 (Council) -- Original construction contract
\$233,710.00	02/28/13 (Council) -- 5% Contingency (if applicable)
\$53,000.00	02/28/13 (Total Administrative Authority)
\$390,506.30	09/17/15 Proposed (Council) -- Change Order #4 Description i.e. <u>Additional Waterline Work under creek and time delay</u>
<u>\$5,351,421.30</u>	<u>Total Contract Authorization</u>

CONTRACT HISTORY

<u>AMOUNT</u>	<u>DATE -- DESCRIPTION (CO% / CUMULATIVE CO%)</u>
\$4,674,205.00	02/28/13 -- Original construction contract
(\$147,000.00)	09/30/13 -- CO #1 (Contingency) -- Description i.e. Delete boring under driveways (-2.98% / -2.98%)
\$106,039.40	04/15/14 -- CO #2 (Contingency) -- Description i.e. Additional Waterline Work (2.15% / -0.83%)
\$305,302.62	07/23/14 -- CO #3 (Contingency/Administrative Authority) -- Description i.e. Additional Waterline Work (6.18% / 5.35%)
\$390,506.30	09/17/2015 Proposed -- CO #4 -- (Additional Authorization) Description i.e. Additional Waterline Work under creek and time delay (8.36% / 14.06%)
\$5,329,053.32	Total Contract Expenditures
14.01%	Cumulative Change Orders

MWBE Summary

Participation goals stated in the original approved compliance plan were 2.24% African American; 5.52% Hispanic; 0.12% Native /Asian American; and 2.63% WBE. The firm(s) provided MBE/WBE Compliance Plan(s) which were approved by the Small and Minority Business Resources Department.

Additional authorization has been listed under the Prime firm as subconsultant utilization for the additional authorization has not been finalized. Once the assignment is made, and prior to issuance of a notice to proceed, the Prime firm will submit their subconsultant utilization plan that will demonstrate how they will use their approved subconsultants in accordance with the established procedures and the MBE/WBE Procurement Ordinance and Rules.

Participation for this change order:

NON M/WBE TOTAL – PRIME	\$390,506.30	100%
Mountain Cascade of Texas, LLC, Mansfield, TX	\$390,506.30	100%

Overall participation based on contract expenditures as of 8/1/2014 (not including this change order):

PRIME:

37.26% Non M/WBE

SUBCONTRACTORS:

2.42% African American; 18.43% Hispanic; 0.66% Native/Asian; 4.47% WBE; and 36.76% Non M/WBE

TOTAL:

2.42% African American; 18.43% Hispanic; 0.66% Native/Asian; 4.47% WBE; and 74.02% Non M/WBE

Map Changed. Center latitude: 30.3730 ° North. Center longitude: 97.6291 ° West. Visible Features: 3 features visible on Council Districts. 4 features visible on Jurisdictions.

