



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

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| <b>Council Meeting Date:</b>   | September 17, 2015   |
| <b>Department:</b>   | Public Works   |
| <b>SUBJECT</b>   |  |
| Authorize execution of change order #4 to the construction contract with <b>MOUNTAIN CASCADE OF TEXAS, LLC.</b> , for Boyce Lane Water Main in the amount of \$390,884.82, for a total contract amount not to exceed \$5,329,431.84. (District 1). |  |
| <b>AMOUNT AND SOURCE OF FUNDING</b>  |  |
| Funding in the amount of \$390,884.82 is available in the Fiscal Year 2015-2016 Capital Budget of Austin Water.  |  |
| <b>FISCAL NOTE</b>   |  |
| A fiscal note is attached.   |  |
| <b>Purchasing Language:</b>  | N/A  |
| <b>Prior Council Action:</b>   | February 28, 2013- Council approved the construction contract with Mountain Cascade of Texas, LLC.               |
| <b>For More Information</b>  | Brenda Baker, 512-974-1175; Yvonne Gill, 512-972-2048; Lucy Bonee, 512-974-7967; Elizabeth Godfrey, 512-974-7141 |
| <b>Boards and Commission Action:</b>   | To be reviewed by Water and Wastewater Commission on August 12, 2015.  |
| <b>MBE/WBE:</b>  | 21.53% MBE and 4.47% WBE subcontractor participation to date including this change order.                        |

The Boyce Lane Water Transmission Lane project consists of 15,250 linear feet of 24-inch water main and appurtenances within Texas Department of Transportation right of way. The construction is along East Parmer Lane beginning at Harris Branch Parkway and ending near US Highway 290. The water main will be installed primarily using open cut method with the exception of the area where the water line crosses Harris Branch Parkway, Harris Branch Creek and SH 130. Installation in these areas will be done by trenchless construction method. Currently, 94% the water line is installed and the project has been suspended, across the Harris Branch Creek, pending resolution of the conflict with a gas main.

An 8-inch high pressure gas main owned and operated by Texas Gas Service Company, a division of ONE Gas, Inc, ("TGS"), was identified along the north side of Harris Branch Creek and found to be outside its designed alignment both vertically and horizontally as shown in the construction plans provided by TGS. The gas main was located by a third party and found to be in conflict with the proposed alignment of the water line in two locations. The proposed water line cannot be installed with trenchless or bore construction as previously planned, given the physical conflict with the gas main. The project team did a review of many options for moving the proposed water line or gas main.

This resulted in the decision to move the gas main and continue the installation of the water line in the alignment as originally proposed. After the gas main is relocated, the proposed water line will be installed using hand mining construction methods.

The relocation of the gas main was determined by the project team to be the most efficient, cost effective and safest alternative option in crossing the Harris Branch Creek with the proposed 24-inch water line.

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**

| <i>AMOUNT</i>         | <i>DATE -- DESCRIPTION</i>   |
|-----------------------|--|
| \$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)  |
| \$390,884.82          | 09/17/15 Proposed (Council) -- Change Order #4 Description i.e. Additional Waterline Work under creek and time delay |
| <b>\$5,351,799.82</b> | <b>Total Contract Authorization</b>  |

**CONTRACT HISTORY**

| <i>AMOUNT</i>  | <i>DATE -- DESCRIPTION (CO% / CUMULATIVE CO%)</i>  |
|----------------|--|
| \$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%) |

|                          |  |
|--------------------------|--|
| \$390,884.82             | 09/17/2015 Proposed -- CO #4 – (Additional Authorization) Description<br>i.e. Additional Waterline Work under creek and time delay (8.36% /<br>14.06%) |
| \$5,329,431.84<br>14.06% | Total Contract Expenditures<br>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:

|   |                     |             |
|---|---------------------|-------------|
| <b>NON M/WBE TOTAL – PRIME</b>                | <b>\$390,884.82</b> | <b>100%</b> |
| Mountain Cascade of Texas, LLC, Mansfield, TX | \$390,884.82        | 100%        |

**NON M/WBE TOTAL – SUBCONTRACTORS**  
Sundance Boring Contractors, Austin, TX

**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.

