



**Recommendation for
Water & Wastewater Commission**

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| Commission Meeting Date: | July 10, 2019 |
| Council Meeting Date: | August 8, 2019 |
| Department: | Purchasing Department |
| Client: | Chris Chen, Kevin Koeller |
| SUBJECT | |
| Authorize negotiation and execution of an amendment to the professional services agreement with CAS Consulting & Services, Inc. for engineering services for the Williamson Creek Wastewater Interceptor project in the amount of \$2,400,995.53, for a total contract amount not to exceed \$6,459,995.53. (Districts 2 and 3) | |
| AMOUNT AND SOURCE OF FUNDING | |
| Funding is available in the Fiscal Year 2018-2019 Capital Budget of Austin Water. | |
| Purchasing Language: | Original contract was awarded through a qualifications-based selection process. |
| Prior Council Action: | August 4, 2016 – Council authorized negotiation and execution of a professional services agreement with CAS Consulting & Services, Inc. |
| Boards and Commission Action: | July 10, 2019 – To be reviewed by the Water and Wastewater Commission. |
| MBE/WBE: | This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 66.2% MBE and 15.8% WBE. |

A portion of existing 36-inch and 42-inch segments of the Williamson Creek wastewater interceptor are at, or near, capacity during heavy rain events. Austin Water Systems Planning Division identified the need for a large diameter interceptor in order to meet the current and anticipated long-range capacity needs for this portion of the Williamson Creek sewer basin.

This project will provide additional capacity to convey wastewater flows in the new Williamson Creek Interceptor located near South First Street and Stassney Lane to the Onion Creek Tunnel near William Cannon Drive and South Pleasant Valley Road. The project consists of approximately 18,900 linear feet of large diameter gravity wastewater interceptor as well as new connections of existing wastewater services to the new interceptor.

The previous City Council authorization provided for preliminary engineering services. The preliminary engineering report resulted in a recommended alignment, confirmed the need for a 72-inch diameter interceptor, and identified additional wastewater service connection work. This request for authorization will allow the consultant to proceed with final design, and construction bid phase services. Final design services include approximately 18,900 linear feet of new 72-inch interceptor, rehabilitation of 3,000 linear feet of existing 36-inch interceptor, and connecting the existing wastewater main connections from the existing 36-inch and 42-inch interceptor segments to the 72-inch interceptor. In addition to final design, this RCA will address items identified during the preliminary engineering phase including additional soil borings to confirm and characterize geology, design of an odor control facility to address potential odor concerns from new wastewater interceptor, and environmental review and support to provide assistant to the City for the TWDB CWSRF loan application. Staff anticipates returning to Council for additional authorization for construction phase and close-out services.

This amendment is pending review 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 Capital Contracting Office. The Change Control Committee is comprised of management-level subject matter experts.

This project is located within zip codes 78745 and 78744 (Districts 2 and 3). This project is managed by the Public Works Department.

CAS Consulting & Services, Inc. is located in Austin, Texas.

M/WBE Summary

Participation goals stated in the original solicitation were 1.90% African American; 9.00% Hispanic; 4.90% Native/Asian; and 15.80% WBE. Participation for this amendment:

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|--|------------------------------|----------------------|
| <u>M/WBE TOTAL – PRIME</u> | <u>\$1,289,256.71</u> | <u>35.76%</u> |
| (MA) CAS Consulting Services, Inc., Austin, TX | \$1,289,256.71 | 35.76% |
| <u>MBE TOTAL – SUBCONSULTANTS</u> | <u>\$380,620.98</u> | <u>10.55%</u> |
| <u>African American Subtotal</u> | <u>\$52,344.00</u> | <u>1.45%</u> |
| (MB) HVJ Associates, Inc. Austin, TX (engineering consulting) | \$52,344.00 | 1.45% |
| <u>Hispanic Subtotal</u> | <u>\$243,091.88</u> | <u>6.74%</u> |
| (MH) Garcia Design, Inc., Austin, TX (landscape architecture) | \$57,030.96 | 1.58% |
| (MH) Jose I. Guerra, Inc., Austin, TX (structural) | \$101,506.32 | 2.82% |
| (FH) Macias & Associates, LP (survey) | \$84,554.60 | 2.34% |
| <u>Native/Asian Subtotal</u> | <u>\$85,185.10</u> | <u>2.36%</u> |
| (MA) Encotech Engineering Consultants, Austin, TX (structural) | \$71,530.10 | |
| 1.98% | | |
| (MA) HVJ South Central Texas (Geotech/Tunneling/QC) | \$13,655.00 | 0.38% |
| <u>WBE TOTAL – SUBCONTRACTORS</u> | <u>\$678,512.85</u> | <u>18.82%</u> |
| (FW) Baer Engineering and Environmental Consulting, Inc., Austin, TX (environmental eng, inspection, permitting, transportation eng.) | \$122,341.28 | 3.39% |
| (FW) Holt Engineering, Inc., Austin, TX (civil engineering, testing) | \$446,310.60 | |
| 12.38% | | |
| (FW) Smith Turrieta PLLC dab Smith Turrieta Engineering, Austin, TX (civil) | \$55,911.17 | 1.55% |
| (FB) Group Solutions, Austin, TX (public outreach, communications) | \$53,949.80 | 1.50% |
| <u>NON M/WBE TOTAL – SUBCONTRACTORS</u> | <u>\$1,256,976.53</u> | <u>34.87%</u> |
| Agee Engineering LLC (odor control) | \$174,507.58 | 4.84% |
| Black & Veatch, Inc., Austin, TX (tunnels, geological & sanitary engineering) | \$838,889.29 | 23.27% |
| CP&Y, Inc., Austin, TX general civil) | \$199,320.30 | 5.53% |
| Plauche International, Inc., Austin, TX (water & wastewater facilities design) | \$44,259.36 | 1.23% |

Overall participation based on expenditures as of February 28, 2019, (not including this amendment):

PRIME:

51.05% M/WBE

SUBCONSULTANTS:

1.72% African American; 7.66% Hispanic; 2.77% Native/Asian; 5.68% WBE; and 31.12% Non M/WBE

TOTAL:

1.72% African American; 7.66% Hispanic; 53.82% Native/Asian; 5.68% WBE; and 31.12% Non M/WBE

AUTHORIZATION HISTORY

| AMOUNT | DATE | DESCRIPTION |
|----------------|----------|--|
| \$4,000,000.00 | 08/04/16 | (Council) – Preliminary Engineering Services |
| \$59,000.00 | 08/04/16 | (Council) - Administrative Authority |
| \$2,400,995.53 | 08/08/19 | Proposed (Council) – Final design through bid/award phase services |
| \$6,459,995.53 | | <i>Total Contract Authorization</i> |

CONTRACT HISTORY

| AMOUNT | DATE | DESCRIPTION |
|----------------|----------|--|
| \$1,103,443.00 | 10/26/16 | Professional Service Agreement Williamson Creek Wastewater Interceptor |
| \$6,494.23 | 11/08/18 | SA #1 – Phase A Additional Services |
| \$1,685,691.23 | 11/14/18 | SA #2 - Phase B 30% Design Proposal |
| \$3,605,367.07 | Proposed | SA #3 - Proposed final design through bid/award phase services |
| \$6,400,995.53 | | <i>Total Contract Authorization</i> |