

**Posting Language**

Recommend approval to negotiate and execute an amendment to the professional services agreement for engineering services for Design and Bid/Award phases for the Hornsby Bend BMP Process Ammonia Removal Facility project with Stantec Consulting Services, Inc. in the amount of \$1,616,842, for a total contract amount not to exceed \$2,116,842.

**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 15.12% MBE and 8.89% WBE.

**Lead Department**

Financial Services Department

**Client Department**

Austin Water Assistant Director of Engineering Services, Shay Ralls Roalson

**Fiscal Note**

Funding is available in the Capital Budget of Austin Water.

**Purchasing Language:**

Original contract was awarded through a qualifications-based selection process. A complete solicitation package, including a tabulation of the bids received, is available for viewing, is available for viewing on the City's Financial Services, website, Austin Finance Online. Link: [Solicitation Document](#).

**Prior Council Action:**

November 12, 2020 – Council approved a professional services agreement for preliminary engineering services with Stantec Consulting Services, Inc. for the Hornsby Bend BMP Process Ammonia Removal System Facility project for the amount of \$500,000.

**Council Committee, Boards and Commission Action:**

January 18, 2023 - To be reviewed by the Water & Wastewater Commission.

**Additional Backup Information:**

The Hornsby Bend Biosolids Management Plant (BMP) receives and treats biosolids generated by Austin's two regional wastewater treatment plants. The treatment process includes thickening, anaerobic digestion, dewatering, composting, effluent ponds, and on-site irrigation. The Hornsby Bend BMP is a non-discharge facility, per Texas Commission on Environmental Quality permit requirements.

The thickening and dewatering processes both produce liquid side streams that are treated before entering the effluent pond and irrigated on-site. The liquid side stream from the dewatering process contains a high ammonia concentration that requires specialized treatment.

The purpose of this project is to address the treatment of the high ammonia liquid side stream to produce a higher quality of water entering the effluent ponds. The project will include a new treatment

process for the high ammonia side stream flow consisting of pump stations, treatment basins, process air blowers and other equipment, and supporting electrical and controls infrastructure.

An amendment to the professional services agreement is required to move the project forward into design and bid phases. This amendment will authorize the design and bid phase services to be provided by the engineering consultant.

There will be no impact to the public as the work will occur on City property that is not open to the public.

Delaying or deferring approval of this amendment will result in an inability to effectively treat and reduce ammonia levels in the water entering the effluent ponds.

This project is located within zip code 78725 (ETJ).

Stantec Consulting Services, Inc. is located in Austin, Texas.

**Strategic Outcome(s):**

Health and Environment

## M/WBE Summary

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

|   |  |              |        |
|---|--|--------------|--------|
| NON-M/WBE TOTAL – PRIME   |  | \$982,993.30 | 60.80% |
| <hr/>   |  |              |        |
| Stantec Consulting Services, Inc., Austin, TX                         |  |              |        |
| MBE TOTAL – SUBCONSULTANTS  |  | \$244,604.17 | 15.12% |
| <hr/>   |  |              |        |
| Hispanic Subtotal   |  | \$125,969.08 | 7.79%  |
| (MH) Negrete & Kolar Architects, LLP,<br>Austin, TX                   | (Architectural Design)   | \$30,375.00  | 1.88%  |
| (MH) Jose I. Guerra, Inc., Austin, TX                                 | (Engineering Services)   | \$95,594.08  | 5.91%  |
| African American Subtotal   |  | \$18,983.65  | 1.17%  |
| (MB) HVJ Associates, Inc., Austin, TX                                 | (Engineering Services)   | \$18,983.65  | 1.17%  |
| Native/Asian American Subtotal  |  | \$99,651.44  | 6.16%  |
| (MA) CAS Consulting and Services, Inc.,<br>Austin, TX                 | (Drainage Engineering)   | \$99,651.44  | 6.16%  |
| WBE TOTAL – SUBCONSULTANTS  |  | \$143,674.09 | 8.89%  |
| <hr/>   |  |              |        |
| (FH) Macias & Associates, L.P., Austin, TX                            | (Surveying)  | \$6,589.95   | 0.41%  |
| (FW) Holt Engineering, Inc., Austin, TX                               | (Geotechnical Engineering)                                       | \$16,089.80  | 1.00%  |
| (FA) Baer Engineering & Environmental<br>Consulting, Inc., Austin, TX | (Environmental Engineering)                                      | \$57,225.97  | 3.54%  |
| (FW) JRSA Engineering, Inc., Austin, TX                               | (Engineering Services)   | \$63,768.37  | 3.94%  |
| NON-M/WBE TOTAL – SUBCONSULTANT                                       |  | \$245,569.99 | 15.19% |
| Carollo Engineers, Inc., Austin, TX                                   | (Wastewater Treatment<br>Engineering, Mechanical<br>Engineering) | \$245,569.99 | 15.19% |

**Overall participation based on expenditure for the entire project as of November 28, 2022, (not including this amendment):**

### **PRIME:**

60.80% NON-M/WBE

### **SUBCONSULTANTS:**

15.12% MBE, 8.89% WBE and 15.19% NON-M/WBE

### **TOTAL:**

15.12 MBE; 8.89% WBE; and 75.99% NON-M/WBE

**AUTHORIZATION HISTORY**

| AMOUNT         | DATE     | DESCRIPTION  |
|----------------|----------|--|
| \$500,000.00   | 11/20/20 | (Council) – Preliminary Engineering Services             |
| \$62,000.00    | 11/20/20 | (Administrative Authority)                               |
| \$1,616,842.00 | 01/26/23 | Proposed (Council) – Design and bid/award phase services |
| \$2,178,842.00 |          | <i>Total Contract Authorization</i>                      |

**CONTRACT HISTORY**

| AMOUNT       | DATE     | DESCRIPTION  |
|--------------|----------|--|
| \$498,920.66 | 11/20/20 | Hornsby Bend BMP Process Ammonia Removal System Facility |
| \$498,920.66 |          | <i>Total Contract History</i>                            |