



**Professional Services Amendment  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.:** 4  
**AGENDA DATE:** Thu 01/08/2004  
**PAGE:** 1 of 3

**SUBJECT:** Authorize negotiation and execution of an amendment to the existing professional services agreement with PBS&J, Austin, TX, for additional design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$95,814 for a total amount not to exceed \$1,767,783.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$95,814 is included in the Fiscal Year 1999-2000 Amended Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Austin Water Utility      **DIRECTOR'S**  
**DEPARTMENT:**      **AUTHORIZATION:** Chris Lippe

**FOR MORE INFORMATION CONTACT:** Reynaldo Cantu, 972-0240; Deduric Kirk, 972-0262; Laura Wiley, 972-0104

**PRIOR COUNCIL ACTION:** : 07/08/93 -- Council directive to implement interceptor project and conduct planning study; 10/06/94 -- Authorization to negotiate and execute professional services agreement with PBS&J, formerly known as ESPEY HUSTON & ASSOCIATES, INC.; 02/03/00 -- Authorization to negotiate and execute an amendment to the existing professional services agreement with PBS&J for preliminary engineering services; 08/22/02 -- Authorization to negotiate and execute an amendment to the existing professional services agreement with PBS&J for additional preliminary engineering services; 11/21/02 -- Authorization to negotiate and execute and amendment to the existing professional services agreement with PBS&J for design services.

**BOARD AND COMMISSION ACTION:** Recommended by Water and Wastewater Commission

**PURCHASING:** N/A

**MBE / WBE:** 11.6% MBE and 15.92% WBE subcontractor participation to date.

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In November 2002, the Water and Wastewater Utility [now Austin Water Utility (Utility)] contracted with PBS&J to perform design phase services for the Barton Creek Lift Station Force Main Project. While performing work on this phase, additional items were identified as pertinent to completion of design tasks.

- A. Due to the fact that the project location occupies a large area of Archeological Site 41TV1364, work performed in the area requires an antiquities permit from the Texas Historical Commission (THC) in order to perform the necessary archeological investigation. When THC issued the permit for this project, the stipulation of additional small diameter corings for floatation analysis and carbon dating was requested.
- B. The Watershed Protection and Development Review Department (WPDRD) expressed concern regarding the proposed design solution, which includes the new relief main to tie into the existing 42-inch Barton Creek interceptor that traverses within about 70 feet of Eliza Spring. WPDRD



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requested:

additional borings as part of the geotechnical investigation,  
bore locations to be converted to monitoring wells for periodic ground water level determination,  
and  
evaluation of an alternative alignment that would keep the relief main outside the 150-ft buffer for  
springs (i.e., a critical environmental feature) and avoid reuse of the 42-inch pipe. WPD RD also  
requested boring locations.

- C. Following discussions of preliminary design between PBS&J and Utility staff requested inclusion  
of Odor Control Facilities downstream of the proposed inverted siphon creek crossing.

This amendment will provide for the aforementioned additional design phase services.

**AGREEMENT HISTORY**

<u>ACTION</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
10/06/94	Council authorization to negotiate and execute Professional Services Agreement for Planning Study	\$ 434,944.00
02/03/00	Council authorization to negotiate and execute Professional Services Agreement for Preliminary Engineering	\$ 160,221.00
08/22/02	Council authorization to negotiate and execute Professional Services Agreement for Additional Preliminary Engineering	\$ 148,536.00
11/21/02	Council authorization to negotiate and execute Professional Services Agreement for Design Phase Services	\$ 928,268.00
Proposed	Additional Design Phase Services	\$ 95,814.00
	<b>TOTAL</b>	<b>\$1,767,783.00</b>

Participation goals stated in the original solicitation were: 10% MBE and 5% WBE. Current annual participation goals for professional services are: 1.1% African-American, 5.9% Hispanic, 1.7% Native/Asian-American and 18.2% WBE.



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Total participation for this amendment:

<b><u>NON M/WBE TOTAL – PRIME</u></b>	<b><u>\$ 37,797</u></b>	<b><u>39.5%</u></b>
PBS&J, INC.	\$ 37,797	39.5%
<b><u>AFRICAN-AMERICAN TOTAL – SUBCONSULTANTS</u></b>	<b><u>\$ 0</u></b>	<b><u>0.0%</u></b>
<b><u>HISPANIC TOTAL – SUBCONSULTANTS</u></b>	<b><u>\$ 0</u></b>	<b><u>0.0%</u></b>
<b><u>NATIVE/ASIAN-AMERICAN TOTAL – SUBCONSULTANTS</u></b>	<b><u>\$ 0</u></b>	<b><u>0.0%</u></b>
<b><u>WBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>\$ 17,558</u></b>	<b><u>18.3%</u></b>
(FR) K Fricse & Assoc, Inc. (Facilities Engineering)	\$ 16,000	16.7%
(FR) Landmark Surveying, Inc. (Surveying & Easements)	\$ 1,558	1.6%
<b><u>NON M/WBE TOTAL – SUBCONSULTANTS</u></b>	<b><u>\$ 40,458</u></b>	<b><u>42.2%</u></b>
Fugro South, Inc. (Geotechnical Engineering)	\$ 37,858	39.5%
Dr. David O. Brown (Archeological Investigation)	\$ 2,600	2.7%

The original participation goals of this project, which was initiated in 1994, were 10% MBE and 5% WBE. Current DSMBR Annual program goals for professional services contracts are 1.1% African-American, 5.9% Hispanic, 1.7% Native/Asian American, and 18.2% WBE.

Overall participation from the beginning including amendment: 0.7% African-American, 10.3% Hispanic, 0.6% Native/Asian-American, 15.92% WBE and 26.8% Non-W/MBE. While current program goals are not reached, original contract goals are met. Participation percentages decreased with this proposal for additional work due to the specialized nature of the work required, such as pier drilling in environmentally sensitive areas, and limited number of professionals with the ability and experience necessary to complete the work.

## CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

1/8/2003  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize negotiation and execution of an amendment to the existing professional services agreement with PBS&J, 206 Wild Basin Road, Suite 300, Austin, Texas 78746, for additional design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$95,814 for a total amount not to exceed \$1,767,783.

**FINANCIAL INFORMATION:**

Parent Project Name:	1998 Wastewater Imps. Prop. 9
Project Authorization:	1999-2000 Amended Capital Budget
Funding Source:	1998 Revenue Bonds
Number:	4530 237 2020

Current Appropriation	\$ 66,802,000.00
Unencumbered Balance	29,334,061.19 *
Amount of This Action	<u>(95,814.00)</u>
Remaining Balance	<u>\$ 29,238,247.19</u>
 Current Available Balance	 \$ 30,244,391.19
Less Outstanding Commitments	<u>(910,330.00)</u>
Estimated Unencumbered Balance	<u>\$ 29,334,061.19 *</u>

Utility Finance: \_\_\_\_\_

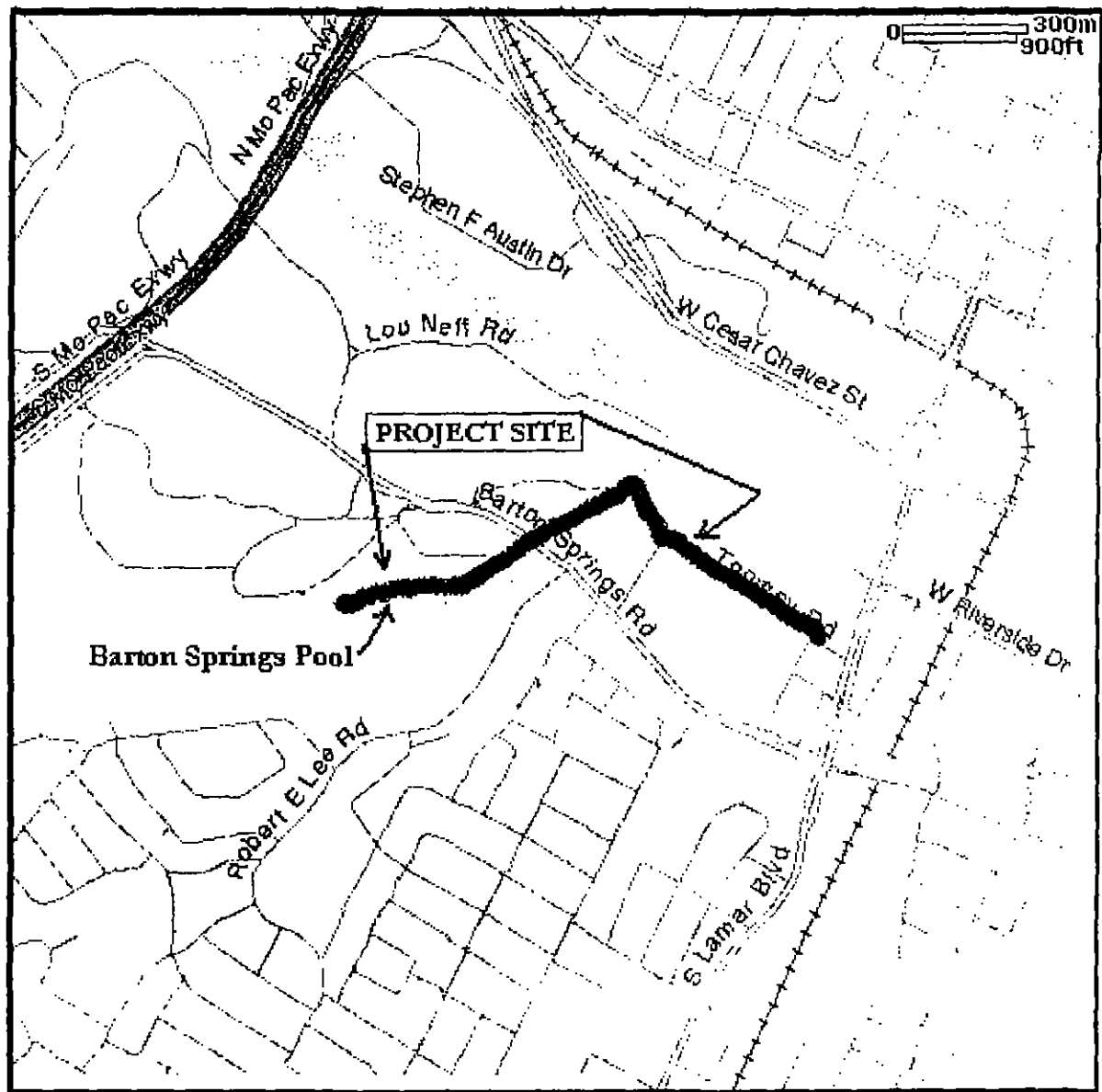
  
David Anders, Utilities Finance Manager

Date: \_\_\_\_\_

12/3/03

**REF. # 4530 237 8403**

# BARTON CREEK LIFTSTATION FORCEMAIN



AREA MAP

No. 120303-E  
WATER AND WASTEWATER COMMISSION RESOLUTION  
AUTHORIZE NEGOTIATION AND EXECUTION OF AN AMENDMENT TO THE EXISTING  
PROFESSIONAL SERVICES AGREEMENT WITH PBS&J FOR ADDITIONAL DESIGN PHASE  
ENGINEERING SERVICES FOR THE BARTON CREEK LIFT STATION FORCE MAIN PROJECT, IN  
THE AMOUNT NOT TO EXCEED \$95,814 FOR A TOTAL AMOUNT NOT TO EXCEED \$1,767,783.00

December 3, 2003  
REGULAR MEETING  
VOTE: 5-0-1-0

Motion made by: Lee

Commissioners Consenting: Miller, Warner, Kirfman, Coleman

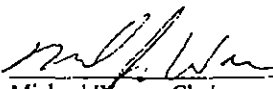
Commissioners Dissenting:

Commissioners Abstaining: Friese

Commissioners Absent:

The Water and Wastewater Commission recommends the Council authorize the negotiation and execution of an amendment to the existing professional services agreement with PBS&J for additional design phase engineering services for the Barton Creek Lift Station Force Main Project in the amount not to exceed \$95,814 for a total amount not to exceed \$1,767,783.00.

Commissioner Friese abstained due to a conflict of interest.

  
\_\_\_\_\_  
Michael Warner, Chairperson  
Water and Wastewater Commission

12/3/03  
Date