



**SUBJECT:** 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 design phase engineering services for the **Barton Creek Lift Station Force Main Project**, in the amount not to exceed \$928,268 for a total amount not to exceed \$1,671,969.

**AMOUNT & SOURCE OF FUNDING:** \$928,268 is available in the 2002-2003 Amended Capital Improvement Budget of the Water and Wastewater Utility. A fiscal note is attached.

**REQUESTING DEPT.:** Water and Wastewater      **DIRECTOR'S SIGNATURE:** Chris Lopez

**FOR MORE INFORMATION CONTACT:** Reynaldo Cantu, P.E., 972-0240; Dedurie V. 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.

**BOARD AND COMMISSION ACTION:** 10/29/02 – PARD Board Land & Facilities Committee reviewed; 11/06/02 – Water and Wastewater Commission recommended; 11/20/02 – Environmental Board

-----**REQUIRED AUTHORIZATION**-----

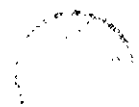
**LAW:** Martha Terry      **FINANCE:** David Anders  
**SMBR:** Lino Rivera

PBS&J completed initial preliminary engineering services on the Barton Creek Lift Station Force Main and the Robert E. Lee Interceptor Rehabilitation Projects in March 2002. In August 2002, the Water & Wastewater Utility contracted with PBS&J to perform additional preliminary engineering services for the Barton Creek Lift Station Force Main Project.

The project location occupies a large area of Archeological Site 41TV1364. The additional services included investigation on appropriate design and construction methodologies in this work area. During this period, meetings were held with stakeholders of the Zilker Park/Barton Springs area to: a) report on the state of the existing system, b) provide information regarding proposed improvements, and c) receive feedback on proposed project implementation.

During the extended preliminary engineering period, sufficient information was obtained to answer questions on design and construction methodologies to the satisfaction of Water & Wastewater Utility staff. Also during this period, productive meetings were held with various stakeholder groups regarding the progress of this project. The Utility is ready to proceed with the project.

This amendment will provide for design phase services of the professional services agreement.





**SUBJECT:** 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 design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$928,268 for a total amount not to exceed \$1,671,969.

AGREEMENT HISTORY

ACTION	DESCRIPTION	AMOUNT
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
Proposed	Design Phase Services	\$ 928,268.00
	<b>TOTAL</b>	<b>\$1,671,969.00</b>

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

Total participation for this phase:

<b>NON M/WBE TOTAL – PRIME</b>	<b>\$361,004</b>	<b>38.9%</b>
PBS&J, INC., Austin, Tx	\$349,504	37.7%
<b>AFRICAN-AMERICAN TOTAL – SUBCONTRACTORS</b>	<b>\$ 10,000</b>	<b>1.1%</b>
(FB) Parcel Plus (Facilities Design) Austin, Tx	\$ 10,000	1.1%
<b>HISPANIC TOTAL – SUBCONTRACTORS</b>	<b>\$ 54,800</b>	<b>5.9%</b>
(MH) Flores Technical Services (Siphon Design & Construction Plans) Austin Tx	\$ 54,800	5.9%
<b>NATIVE/ASIAN-AMERICAN TOTAL – SUBCONTRACTORS</b>	<b>\$ 15,500</b>	<b>1.7%</b>
(MA) Raymond Chan & Associates (Environmental Design) Austin, Tx	\$ 10,000	1.1%
(FA) Quality Integrated Systems, Inc. (Geotechnical Engineering) Manchaca, Tx	\$ 5,500	0.6%
<b>WBE TOTAL – SUBCONTRACTORS</b>	<b>\$221,290</b>	<b>23.7%</b>
(FB) Group Solutions RJW (Public Involvement) Austin, Tx	\$ 56,550	6.1%
(FR) McGray & McGray Land Surveyors, Inc.(Surveying & Easements) Austin, Tx	\$ 27,210	2.9%
(FR) <b>Brigid Shea &amp; Associates (Public Involvement) Austin, Tx</b>	<b>\$ 38,500</b>	<b>4.1%</b>
(FR) A. K. Young Associates (Permitting) Austin, Tx	\$ 32,450	3.5%
(FR) Holt Engineering (Archeological Investigation & Geotechnical Engineering) Austin, Tx	\$ 31,500	3.4%
(FR) Landmark Surveying, Inc. (Surveying & Easements) Austin, Tx	\$ 30,080	3.2%
(FR) Winterowd Associates, Inc. (Landscape Architecture) Austin, Tx	\$ 5,000	0.5%

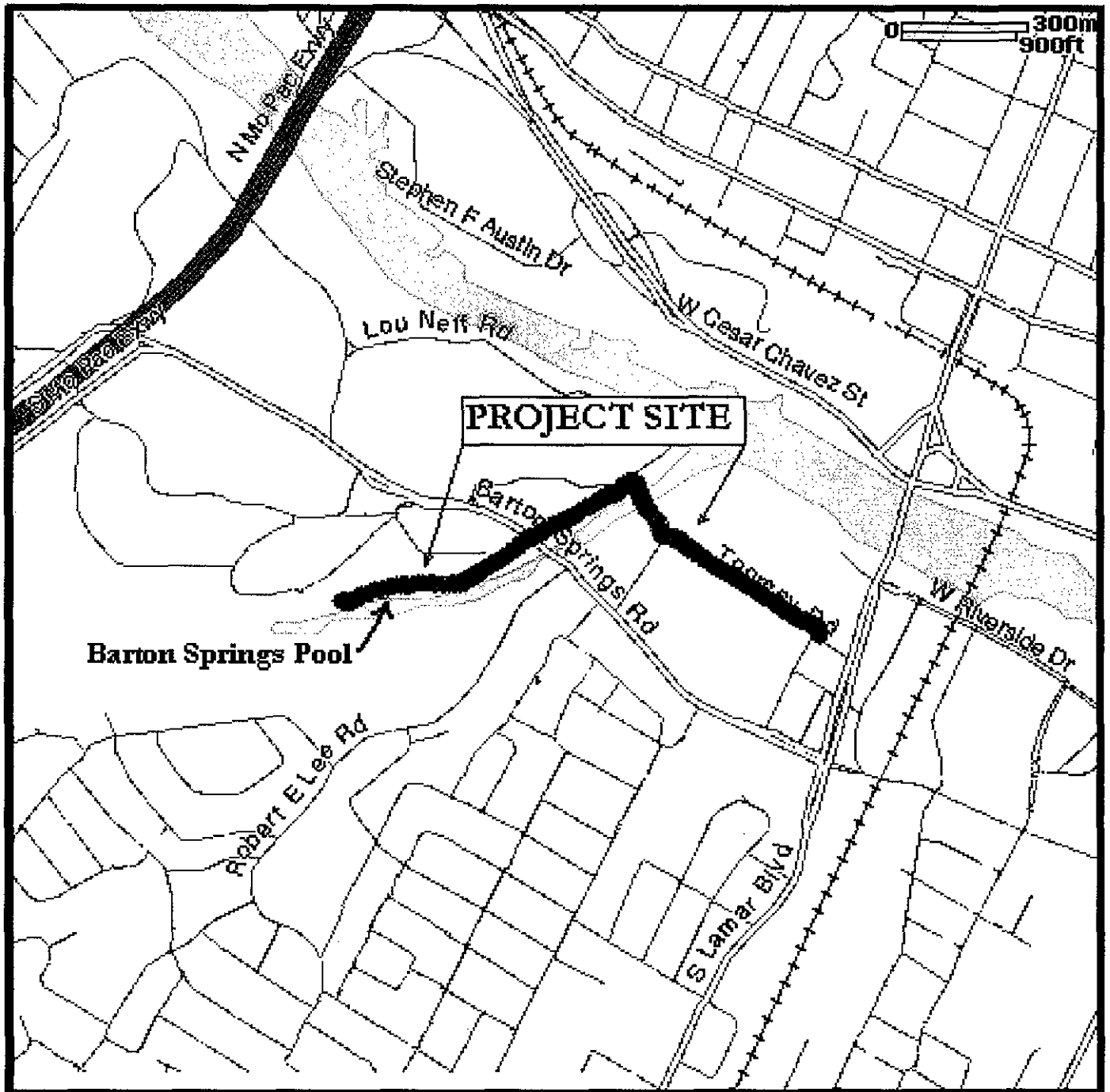


**SUBJECT:** Authorize negotiation and execution of an amendment to the existing professional services agreement with PBS&J, 206 Wild Basin Road, Suite 300, Austin, Texas 78746, for design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$928,268 for a total amount not to exceed \$1,671,969.

<b>NON M/WBE TOTAL – SUBCONTRACTORS</b>	<b>\$277,174</b>	<b>29.8%</b>
Fugro South, Inc. (Geotechnical Engineering) Austin, Tx	\$143,095	15.4%
Brierley Associates, LLC (Facilities Design & Bidding) Littleton, Co.	\$120,579	13.0%
Dr. David O. Brown (Archeological Investigation) Utopia, Tx	\$ 2,000	0.2%

Overall participation from the beginning including amendment: 0.7% African-American; 10.6% Hispanic; 0.9% Native/Asian-American; 16.4% WBE and 16.7% Non-W/MBE.

# BARTON CREEK LIFTSTATION FORCEMAIN AREA MAP



# CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**

11/21/2002

**WHERE ON AGENDA:**

Resolution

**DEPARTMENT:**

Water and Wastewater Utility

**DESCRIPTION:**

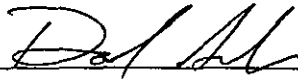
Authorize negotiation and execution of an amendment to the existing professional services agreement with PBS&J, 206 Wild Basin Road, Suite 300, Austin, Texas 78746, for design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$928,268 for a total amount not to exceed \$1,671,969.

**FINANCIAL INFORMATION:**

Parent Project Name:	1998 Wastewater Improvements Prop. 9
Project Authorization:	2002-03 Amended Capital Budget
Funding Source:	1998 Revenue Bonds
Number:	4530 237 2020

Current Appropriation	59,630,000.00
Unencumbered Balance	24,051,345.60
Amount of This Action	<u>(928,268.00)</u>
Remaining Balance	<u>23,123,077.60</u>
* Current Available Balance	30,194,346.10
Less Outstanding Commitments	<u>(6,143,000.50)</u>
Estimated Unencumbered Balance	<u>24,051,345.60</u>

Utility Finance:



David Anders, Utilities Finance Manager

Date:

11/4/02

**REF. # 4530 237 8403**

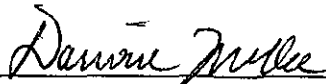
No. 110602-C  
WATER AND WASTEWATER COMMISSION RESOLUTION  
PBS&J PROFESSIONAL SERVICES AGREEMENT AMENDMENT – BARTON CREEK  
LIFT STATION FORCE MAIN PROJECT

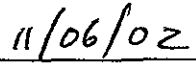
November 6, 2002  
REGULAR MEETING

VOTE: 7-0-0-2

Motion made by: Warner  
Commissioners Consenting: Miller, McKee, Lee, Marin, Coleman, Hernandez-Dorow  
Commissioners Dissenting:  
Commissioners Abstaining:  
Commissioners Absent: Madden, Douglas

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of an amendment to the existing professional services agreement with PBS&J for design phase engineering services for the Barton Creek Lift Station Force Main Project, in the amount not to exceed \$928,268.00 for a total amount not to exceed \$1,671,969.00.

  
\_\_\_\_\_  
Darwin McKee, Chairperson  
Water and Wastewater Commission

  
\_\_\_\_\_  
Date