



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

**AGENDA ITEM NO.:** 10  
**AGENDA DATE:** Thu 02/17/2005  
**PAGE:** 1 of 3

**SUBJECT:** Authorize negotiation and execution of an amendment to the professional services agreement with CAROLLO ENGINEERS, P.C., Austin, TX, for professional preliminary engineering design services for the Travis Water Treatment Plant, in an amount not to exceed \$6,500,000, for a total contract amount not to exceed \$10,000,000.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount \$6,500,000 is available in the Fiscal Year 1995-1996 Amended Capital Budget of the Austin Water Utility.

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

**REQUESTING** Public Works  
**DEPARTMEN** for Austin Water Utility;  
**T:**

**DIRECTOR'S  
AUTHORIZATION:** Sondra Creighton

**FOR MORE INFORMATION CONTACT:** Jay Ulary, 974-7113; George Hill, 972-1953; Laura Bohl, 974-7064

**PRIOR COUNCIL ACTION:** 4/04/02 Initial selection of Carollo Engineers for Preliminary Engineering to conduct a Site Assessment and Environmental Studies on the existing Water Treatment Plant (WTP) 4 site.

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

**PURCHASING:** N/A

**MBE / WBE:** 15.29% MBE and 14.37% WBE subcontractor participation to date.

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The City currently operates three surface water treatment plants to meet the needs of the City's residents and businesses: the Green Water Treatment Plant, Davis Water Treatment Plant and Ulrich Water Treatment Plant. The City needs future incremental water treatment and distribution system capacity expansions to meet projected water demand growth.

The Austin Water Utility requires a new water treatment facility by Spring 2010 to meet a projected summer peak day demand. The necessary infrastructure will include intake structures, treatment facilities and water transmission mains to deliver water to the City's distribution system. Separate consultant(s) will be selected to design the transmission mains necessary to deliver the water to distribution system.

The conclusion reached in the Preliminary Site Assessment Report is that the existing water treatment plant (WTP) site is suitable for construction of new facilities capable of producing up to 300 million gallons per day (MGD). The site also allows for space to add an additional 300 MGD of capacity. This authorization provides for funding of preliminary engineering services related to design of the Raw Water System (Intake, Tunnel and Raw Water Pump Station), treatment facilities, and residuals handling facilities for a 50 MGD WTP. Staff will return to Council for approval of additional funding to Carollo Engineers for the completion of the design and construction phase services at a later date. The estimate for the additional cost for the design and construction phase services is about the \$40 million to \$50 million.



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ACTION	DESCRIPTION	AMOUNT
03/21/02	Professional Services Agreement	\$ 3,500,000.00
Proposed	Supplemental Amendment 5	\$ 6,500,000.00
	Total	\$10,000,000.00

Subconsultant participation stated in the original agreement was 1.1% African American, 7.3% Hispanic, 2.31% Native/Asian American and 18.35% WBE. Participation for this amendment:

NON M/WBE TOTAL -- PRIME	36.1%
Carollo Engineers, P.C., Austin, TX	36.1%

MBE TOTAL -- SUBCONTRACTORS	14.1%
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African American Subtotal	3.4%
(FB) Group Solutions RJW, Austin, TX (advertising/public relations, communications, public relations consulting)	2.4%
(MB) HVJ Associates, Inc., Austin, TX (geotechnical-soils)	1.0%
Hispanic Subtotal	8.2%
(MH) Jose I. Guerra, Inc., Austin, TX (structural engineering)	3.5%
(MH) Negrete & Kolar, Austin, TX (architectural)	2.4%
(MH) Macias & Associates, Inc., Austin, TX (surveying)	1.0%
(FH) Kurkjian Engineering Corporation, Austin, TX (drainage)	0.4%
(MH) Casabella Architects, Austin, TX (project history, architect)	0.9%
Native/Asian American Subtotal	2.5%
Frank Lam & Associates, Inc., Austin, TX (structural engineering)	2.5%

WBE TOTAL -- SUBCONTRACTORS	18.6%
(FR) Harutunian Engineering, Inc., Austin, TX (electrical engr. cost estimating)	14.4%
(FR) A. K. Young Associates, Austin, TX (landscape architecture)	0.9%
(FR) Hicks & Company, Austin, TX (analytical studies & surveys)	0.8%
(FR) Susan Kane Booth Consulting Engineer, Austin, TX (water supply)	2.5%

NON M/WBE TOTAL -- SUBCONTRACTORS	31.2%
Turner, Collie & Braden, Inc., Austin, TX (civil engineering, computer assisted design, drainage, environmental, mechanical, water supply)	24.8%
Chiang, Patel & Yerby, Inc., Dallas, TX (buildings, structures & components, consulting, civil engineering, communications, designing, electrical, fire protection, structural, water supply)	2.4%



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Fugro South, Inc., Austin, TX (geotechnical-soils, testing, laboratory & 2.4%

Field testing, boring, drilling, testing & soundings)

Brierley Associates, Somerville, MA (geotechnical-soils) 1.6%

Overall subconsultant participation, including this amendment: 3.31 % MB, 10.03 % MH, 1.95 % NA,  
14.37% WBE and 28.46% Non M/WBE.

# CIP FISCAL NOTE

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

2/10/2005  
Resolution  
Austin Water Utility

**DESCRIPTION:**

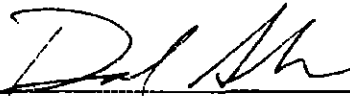
Authorize negotiation and execution of an amendment to the professional services agreement with CAROLLO ENGINEERS, P.C., Austin, TX for preliminary design engineering professional services for the Travis Water Treatment Plant, in an amount not to exceed \$6,500,000, for a total contract amount not to exceed \$10,000,000.

**FINANCIAL INFORMATION:**

Parent Project Name:	1984 Water Improvements Prop. 4
Project Authorization:	1995-96 Amended Capital Budget
Funding Source:	1984 Revenue Bonds
Number:	3840 227 1008

Current Appropriation	\$ 147,100,183.00
Unencumbered Balance	91,095,382.91 *
Amount of This Action	<u>(6,500,000.00)</u>
Remaining Balance	<u>84,595,382.91</u>
Current Available Balance	\$ 91,095,382.91
Less Outstanding Commitments	0.00
Estimated Unencumbered Balance	<u>\$ 91,095,382.91</u>

Utility Finance:



David Anders, Utilities Finance Manager

Date:

1/20/05

**REF. # 3840 227 0951**

No.020205-A

**WATER AND WASTEWATER COMMISSION RESOLUTION  
AN AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH CAROLLO  
ENGINEERS, P.C., FOR PRELIMINARY DESIGN ENGINEERING PROFESSIONAL SERVICES FOR  
THE TRAVIS WATER TREATMENT PLANT IN AN AMOUNT NOT TO EXCEED \$6,500,000 FOR A  
TOTAL CONTRACT AMOUNT NOT TO EXCEED \$10,000,000**

**February 2, 2005  
REGULAR MEETING  
VOTE: 7-0-0-1**

Motion made by: Friese  
Commissioners Consenting: Lee, Warner, Coleman, Chan, Pool, Raun  
Commissioners Dissenting:  
Commissioners Abstaining:  
Commissioners Absent: Kirfman

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of an amendment to the professional services agreement with CAROLLO ENGINEERS, P.C., for preliminary design engineering professional services for the Travis Water Treatment Plant in an amount not to exceed \$6,500,000 for a total contract amount not to exceed \$10,000,000.

  
Michael Warner Chairperson  
Water and Wastewater Commission

2/2/05  
Date