



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

**AGENDA ITEM NO.:** 29  
**AGENDA DATE:** Thu 01/13/2005  
**PAGE:** 1 of 3

**SUBJECT:** Authorize negotiation and execution of a professional services agreement with LOCKWOOD, ANDREWS & NEWNAM, INC., Austin, TX, to provide engineering services for the Davis Water Treatment Plant Filter Process Improvements and Valve Replacements in an amount not to exceed \$600,000.

**AMOUNT & SOURCE OF FUNDING:** Fundings included in the Fiscal Year 2004-2005 Capital Budget of the Austin Water Utility.

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

**REQUESTING** Public Works  
**DEPARTMENT:** for Austin Water Utility; **DIRECTOR'S AUTHORIZATION:** Sondra Creighton

**FOR MORE INFORMATION CONTACT:** Patricia Wadsack, 974-7199; James King, 972-1794; Felix Benavides, 974-7027; Laura Bohl, 974-7064

**PRIOR COUNCIL ACTION:** N/A

**BOARD AND COMMISSION ACTION:** No recommendation by the Water and Wastewater Commission 01-05-05.

**PURCHASING:** Best qualification statement of six received.

**MBE / WBE:** 15.90% MBE and 14.20% WBE subcontractor participation.

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The Davis Water Treatment Plant has a rated design treatment capacity of 120 million gallons per day. The plant is a conventional lime softening design, with rapid mix basins, flocculation basins, sedimentation basins, gravity filters, clearwell storage, and raw water and finished water pumping stations. Powdered Activated Carbon is fed for taste and odor control, and settled water pH is adjusted with carbon dioxide. The plant was constructed in 1954 and expanded in 1961 and 1973, with additional improvements in 1986, 1993, 1997, 2000, 2002 and 2003.

The selected consultant shall provide engineering services relative to the plant's filter valves replacements and evaluation of the filtering system to recommend modifications to enhance the treatment process. Improvements include replacement and automation of influent, effluent, waste, backwash, drain and surface wash valves. In addition, services are to include recommended improvements to filter system instruments for the measurement of loss of head, level, flow, turbidity, etc. necessary to achieve automation. At a minimum, automation is to include filter flow control, automated backwashing and sequencing.

This request allows for the development of a professional service agreement with the recommended firm. Should the City be unsuccessful in negotiating a satisfactory agreement with the recommended firm, negotiations will cease with that firm. Staff will then return to Council and request authorization to begin negotiations with the alternate recommendation listed below.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to two hundred seventeen (217) firms on October 13, 2004. The RFQ was obtained by twenty three (23) firms.



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and six (6) firms submitted qualification statements. None of the firms were certified M/WBE firms. The evaluation of the submittals of the six (6) firms results in the following recommendation.

Participation subgoals stated in the solicitation were 1.7% African-American, 9.5% Hispanic, 4.7% Native/Asian-American, and 14.2% WBE. The recommended and alternate firms both provided M/WBE Compliance Plans that met the goals of the solicitation, which were approved by the Department of Small and Minority Business Resources.

**RECOMMENDED FIRM:** - LOCKWOOD, ANDREWS & NEWNAM, INC. - Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>50.90%</u>
Lockwood, Andrews & Newnam, Inc., Austin, TX	50.90%

<u>MBE TOTAL – SUBCONTRACTORS</u>	<u>15.90%</u>
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<u>African American Subtotal</u>	<u>1.70%</u>
(FB) CPM Engineering Consultants, Austin, TX	1.70%
(blue printing services, project scheduling & construction, civil engineering)	

<u>Hispanic Subtotal</u>	<u>9.50%</u>
(MH) Jose I. Guerra, Inc., Austin, TX	9.50%
(structural, civil engineering)	

<u>Asian American Subtotal</u>	<u>4.70%</u>
(MA) Hejl, Lee & Associates, Inc., Austin, TX	4.70%
(civil engineering, land surveying)	

<u>WBE TOTAL – SUBCONTRACTORS</u>	<u>14.20%</u>
(FR) Harutunian Engineering Inc., Austin, TX	12.20%
(instrumentation, electrical)	
(FR) Dynamic Reprographics, Austin, TX	2.00%
(blue printing services, copying services (reproduction))	

<u>NON M/WBE TOTAL – SUBCONTRACTORS</u>	<u>19.00%</u>
Brown and Caldwell, Austin, TX (civil engineering)	19.00%



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**ALTERNATE RECOMMENDATION: - BROWN AND CALDWELL - Total Participation:**

<u>NON M/WBE TOTAL – PRIME</u>	<u>43.80%</u>
Brown and Caldwell, Austin, TX	43.80%

<u>MBE TOTAL – SUBCONTRACTORS</u>	<u>16.20%</u>
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<u>African American Subtotal</u>	<u>1.70%</u>
CPM, Austin, TX (scheduling & inspection services)	1.70%

<u>Hispanic Subtotal</u>	<u>9.50%</u>
Jose Guerra, Austin, TX (structural, civil engineering)	9.50%

<u>Asian American Subtotal</u>	<u>5.00%</u>
Hejl, Lee & Associates, Austin, TX (surveying & CADD)	5.00%

<u>WBE TOTAL – SUBCONTRACTORS</u>	<u>25.00%</u>
(FR) Harutunian Engineering, Austin, TX	25.00%
(electrical, instrumentation & controls)	

<u>NON M/WBE TOTAL – SUBCONTRACTORS</u>	<u>15.00%</u>
Turner Collie & Braden, Inc., Austin, TX (rehabilitation)	5.00%
Lockwood, Andrews & Newnam, Inc., Austin, TX (mechanical)	10.00%

**Public Works Department  
Evaluation of Consultant Qualifications**

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Composite

Received:

November 10, 2004

Project:

Davis Water Treatment Plant Filter Process Improvement & Valve Replacements

**EVALUATION MATRIX**

Project Manager:

Patricia Wadsack

Firm (or Joint Venture)	Item 1 (Yes or No) MAYBE Good not or G.F.E.	Item 2 (Yes or No) Prime Firm's EEO Program	Item 3 (25) Experience of Project Manager 100% Project (6) Engineer (8)	Item 4 (15) Experience and Availability of Proposed Staff	Item 5 (15 w/o subs) (30 w/o subs) Prime Firm's Comparable Project Experience	Item 6 (15 w/o subs) (30 w/o subs) Subconsultant Firm's Comparable Project Experience	Item 7 (8) Team's Experience with Austin Issues	Item 8 (12) Team's Structure and Project Approach	Item 9 (11) COA Experience with Pair 6	Item 10 (100) SUB TOTAL	Item 10 (25) Optional Interview	Item 10 (125) TOTAL POINTS
Lockwood, Andrews & Newman, Inc.	Yes	Yes	21.2	12.6	2.6	13	7.2	11	11	88.6		88.6
Brown and Caldwell	Yes	Yes	20	11.8	2.6	12.6	6.6	10.4	11	85		85
URS Corporation	Yes	Yes	19.2	12.2	12	12.4	6.4	10.4	11	83.6		83.6
Alan Plummer Associates, Inc.	Yes	Yes	18.6	11.6	12	11.6	5.8	10.6	11	81.2		81.2
CJA Engineering & Surveying, Inc.	Yes	Yes	16.2	9.5	9.4	10.8	5.4	6.4	11	70.8		70.8
BM Coy. Engineering	Non- Responsive		0	0	0	0	0	0	0	0		0

12/9/2004

## CIP FISCAL NOTE

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

1/13/2005  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize negotiation and execution of a professional services agreement with LOCKWOOD, ANDREWS & NEWNAM, INC., Austin, TX for providing engineering services for the Davis Water Treatment Plant Filter Process Improvements and Valve Replacements in an amount not to exceed \$600,000.

**FINANCIAL INFORMATION:**

Parent Project Name:	Water Unfunded Future
Project Authorization:	2004-05 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	3960 227 1019

Current Appropriation	\$ 298,783,739.00
Unencumbered Balance	98,939,234.96 *
Amount of This Action	<u>(600,000.00)</u>
Remaining Balance	<u>\$ 98,339,234.96</u>
 Current Available Balance	 \$ 102,513,832.96
Less Outstanding Commitments	<u>(3,574,598.00)</u>
Estimated Unencumbered Balance	<u>\$ 98,939,234.96 *</u>

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

  
David Anders, Utilities Finance Manager

Date: 12/16/04

REF. # 3960 227 7140

No.010505-A  
**PROFESSIONAL SERVICES AGREEMENT WITH LOCKWOOD, ANDREWS & NEWNAM, INC.,  
AUSTIN, TX FOR PROVIDING ENGINEERING SERVICES FOR THE DAVIS WATER TREATMENT  
PLANT FILTER PROCESS IMPROVEMENTS AND VALVE REPLACEMENTS IN  
AN AMOUNT NOT TO EXCEED \$600,000**

**WATER AND WASTEWATER COMMISSION RESOLUTION**  
**January 5, 2005**  
**REGULAR MEETING**  
**VOTE: 4-0-1-3**

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

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of a professional services agreement with LOCKWOOD, ANDREWS & NEWNAM, INC., Austin, TX for providing engineering services for the Davis Water Treatment Plant Filter Process Improvements and Valve Replacements in an amount not to exceed \$600,000.

Commissioner Lee abstained on this item due to potential conflict of interest.

  
Michael Warner Chairperson  
Water and Wastewater Commission

  
Date