



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

AGENDA ITEM NO.: 19
AGENDA DATE: Thu 10/21/2004
PAGE: 1 of 4

SUBJECT: Authorize negotiation and execution of a professional services agreement with LOCKWOOD, ANDREWS & NEWNAM, INC., Austin, TX, for providing engineering services relative to the design of improvements to City-maintained water transmission mains for the 2004 Valve Replacement Program, in an amount not to exceed \$186,000.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2003-2004 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: Dedurie Kirk, 972-0260; Felix Benavides, 974-7027; Laura Bohl, 974-7064

PRIOR COUNCIL ACTION: N/A

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

PURCHASING: Best qualification statement of sixteen received.

MBE / WBE: 16.5% MBE and 14.2% WBE subconsultant participation.

The City of Austin supplies water to customers through a distribution system consisting of over 3,000 miles of water mains. Valves are an intricate part of the system, used to direct, start, stop or regulate the flow of water. Valves in the Austin water system are scheduled for periodic inspection and exercise as part of the Utility's preventative maintenance program. If during routine inspection, system operation or emergency operations, a valve is found to be inoperative, in-house crews evaluate and if possible repair the valves. Valves 20-inch and larger are generally noted in an electronic database and flagged for repair/replacement as part of the Valve Replacement Program. Currently there are several valves at various locations throughout the City identified for replacement.

Approximately 14,030 linear feet of 36-inch water main, from the intersection of Reserve Road and Cesar Chavez Street to the intersection of West 34th Street and Kerby Lane is out of service. Two (2) broken valves along the water main need to be replaced. Once these valves are replaced, the line will be chlorinated and returned to service.

Approximately 5,030 linear feet of 30-inch water main, which runs along West Cesar Chavez Street from approximately 60 linear feet east of West Lynn Street to approximately 480 linear feet west of San Antonio Street, has been taken out of service. The 30-inch water main needs to be relocated outside the limits of the wastewater manhole. Once this segment of main has been relocated, the 30-inch water main, which feeds the 36-inch water main described previously, will be chlorinated and returned to service.



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

**AGENDA ITEM NO.: 19
AGENDA DATE: Thu 10/21/2004
PAGE: 2 of 4**

The selected consultant shall provide preliminary engineering, final design and construction phase services for the 2004 Valve Replacement Program which includes: detailed design drawings and specifications for bid and construction; plans and specifications; design schedule; and monthly project reports.

The estimated cost of preliminary engineering and design is \$186,000. All design work for the 2004 Valve Replacement Program is to be complete within five (5) months from authorization to proceed. This authorization provides for funding of services related to preliminary engineering, design and construction phase services.

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.

Participation goals stated in the solicitation were 16.5% MBE and 14.2% WBE. The recommended and alternate firms both provided M/WBE Compliance Plans, which were approved by the Department of Small and Minority Business Resources.

Notification of issuance of a Request for Qualifications (RFQ) for the subject services was sent to two hundred thirteen (213) firms on July 14, 2004. The RFQ was obtained by thirty-eight (38) firms, and sixteen (16) firms submitted qualification statements. Two (2) of the firms were certified M/WBE firms. The evaluation of the submittals of the sixteen (16) firms results in the following recommendation:



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

**AGENDA ITEM NO.: 19
AGENDA DATE: Thu 10/21/2004
PAGE: 3 of 4**

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

<u>NON M/WBE TOTAL – PRIME</u>	<u>69.30%</u>
Lockwood, Andrews & Newnam, Inc., Austin, TX	69.30%

<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>16.50%</u>
--	----------------------

(MB) HVJ Associates, Inc., Austin, TX (geotechnical engrg., investigation)	5.00%
(MH) Martinez, Wright & Mendez, Inc., Austin, TX (civil engrg., surveying)	6.50%
(MH) Macias & Associates, Inc., Austin, TX (utility locator services)	5.00%

<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>14.20%</u>
--	----------------------

(FR) McGray & McGray Land Surveyors, Inc., Austin, TX (surveying)	12.20%
(FR) Dynamic Reprographics, Austin, TX (copying services)	2.00%



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

AGENDA ITEM NO.: 19
AGENDA DATE: Thu 10/21/2004
PAGE: 4 of 4

ALTERNATE RECOMMENDATION: - WESTON SOLUTIONS, INC., AUSTIN, TX-

Total Participation:

<u>NON M/WBE TOTAL – PRIME</u>	<u>62.00%</u>
Weston Solutions, Inc., Austin, TX	62.00%

<u>MBE TOTAL – SUBCONSULTANTS</u>	<u>19.00%</u>
--	----------------------

(MH) Ultra CADD, Kyle, TX (computer assisted design services)	9.00%
---	-------

(MA) GeoTrack, Inc., Baytown, TX (subsurface utility enrg.)	10.00%
---	--------

<u>WBE TOTAL – SUBCONSULTANTS</u>	<u>19.00%</u>
--	----------------------

(FR) Dynamic Reprographics, Inc., Austin, TX (copying/reproduction)	2.00%
---	-------

(FR) Holt Engineering, Inc., Austin, TX (geotechnical investigation)	7.00%
--	-------

(FR) Landmark Surveying, Inc., Austin, TX (surveying)	10.00%
---	--------

Public Works Department
Evaluation of Consultant Qualifications

Composite

Received:

August 23, 2004

Project:

ADA Sidewalk, Ramp and Bikeway Improvements Rotation List 2004-2007**EVALUATION MATRIX**

Project Manager:

Diane Rice

Firm (or Joint Venture)	[Yes or No] Affidavit	Item 1 [Yes or No] M/WBE Goals met or G.F.E.	Item 2 [Yes or No] Prime Firm's EEO Program	Item 3 [24] Experience of Project Manager [6] / Principal [8]	Item 4 [15] Experience and Availability of Proposer Staff	Item 5 [15 w/subs] [30 w/o subs] Prime Firm's Comparable Project Experience	Item 6 [15 w/subs] [30 w/o subs] Subcontractant Firm's Comparable Project Experience	Item 7 [8] Team's Experience with Audit Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	[100] SUB TOTAL	Item 10 [25] Optional Interview	[125] TOTAL POINTS
Martinez, Wright & Mendez, Inc. (MBE/MH)	Yes	Yes	Yes	21.7	12.8	13.8	13	8.4	11.3	11	92		92
URS Corporation	Yes	Yes	Yes	21.8	14.2	13.7	13.6	6.2	11.1	11	91.6		91.6
Haft Associates	Yes	Yes	Yes	22	13.4	13.6	12.8	6.8	10.8	11	90.4		90.4
Alan Plummer Associates, Inc.	Yes	Yes	Yes	20.8	12.6	13.2	13.2	8.6	9.1	11	88.5		88.5
Earth Tech, Inc.	Yes	Yes	Yes	20.4	12.8	13.5	13.6	6	10.6	11	87.9		87.9
Kurkian Engineering Corporation (MBE/FH)	Yes	Yes	Yes	20.4	12.8	13.4	13	6.8	10.2	11	87.6		87.6
Raymond Chan & Associates, Inc. (MBE/MA)	Yes	Yes	Yes	20.5	12.2	13.1	12.6	6.8	10.6	11	86.8		86.8
Hunter Associates Texas, LTD (A TRC Company)	Yes	Yes	Yes	20.6	13	13.4	12.6	6.4	9.6	11	86.6		86.6
Klotz Associates, Inc.	Yes	Yes	Yes	20.8	11.8	13.1	12.6	6.8	10.4	11	86.5		86.5
Claunch & Miller, Inc.	Yes	Yes	Yes	20.8	13	12.7	13	5.4	10.3	11	86.2		86.2
Binkley & Barfield, Inc.	Yes	Yes	Yes	20.5	13	12.1	12.4	6.8	10	11	85.8		85.8
Lockwood, Andrew & Newnam, Inc.	Yes	Yes	Yes	19.4	11.6	12.3	12.2	6.8	9.2	11	82.5		82.5
Olton, Inc.	Yes	Yes	Yes	20.8	11.6	12.9	12	6.8	10.4	11	85.5		85.5
Urban Design Group (WBE/FF)	Yes	Yes	Yes	19.5	12	13.3	12	7.2	10.4	11	85.4		85.4
LopezGarcia Group	Yes	Yes	Yes	20.4	12.6	12.8	11.6	7.1	9.7	11	85.2		85.2
Naismith Engineering, Inc.	Yes	Yes	Yes	19.5	12.2	12.6	13.4	6.2	10	11	84.9		84.9

Public Works Department Evaluation of Consultant Qualifications

Firm (or Joint Venture)	Item 1 (Yes or No) Alicia	Item 2 (Yes or No) M/MBE Goals met or G.F.E.	Item 3 (Yes or No) Prime Firm's EEO Program	Item 4 [24] Experience of Project Manager [16]/ Principal [8]	Item 5 [15 w/subs] [30 w/o subs]	Item 6 [15 w/subs] [0 w/o subs]	Item 7 [8] Team's Experience with Austin Issues	Item 8 [12] Team's Structure and Project Approach	Item 9 [11] COA Experience with Prime	Item 10 [100] SUB TOTAL	Item 11 [25] Optional Interview	Item 12 [125] TOTAL POINTS
L.T. Gonzalez Engineers (MBE/MH)	Yes	Yes	Yes	20	13.2	12.3	11	6.8	10.2	11	84.5	84.5
Master-Quintanilla & Associates, Inc. (MBE/MH)	Yes	Yes	Yes	17.7	12.8	11.8	13.8	7	10.2	11	84.3	84.3
Antzpe Group, Inc. (The) (MBE/MH)	Yes	Yes	Yes	18.6	13	12.4	11.4	7.1	10.5	11	84	84
Baker Aicklen & Associates, Inc. (MBE/MH)	Yes	Yes	Yes	19.1	12.4	12.6	12.6	6.8	8.9	11	83.4	83.4
Dannenbaum Engineering Corporation	Yes	Yes	Yes	18.8	11.4	11.7	12.6	6.6	9.9	11	82	82
LOC Consultants (MBE/MH)	Yes	Yes	Yes	17.9	11.8	12	13	6.8	9.6	11	82	82
Wallace Group, Inc. (The)	Yes	Yes	Yes	19	11.6	12.6	12.8	6.5	8.5	11	82	82
Axiom-Blair Engineering	Yes	Yes	Yes	19.2	12.4	11	12.2	6.6	9.4	11	81.8	81.8
Espey Consultants, Inc.	Yes	Yes	Yes	18.3	13	10.5	12.4	7	9.2	11	81.4	81.4
Freese & Nichols, Inc.	Yes	Yes	Yes	18.7	12	12.3	12	5.4	9.8	11	81.2	81.2
Longaro & Clarke, L.P.	Yes	Yes	Yes	18.1	12.4	11.2	11.6	6	10.5	11	80.8	80.8
HVJ Associates, Inc. (MBE/MB)	Yes	Yes	Yes	18.6	12	12.5	12.4	6.2	8.2	11	80.9	80.9
Doucet & Associates, Inc.	Yes	Yes	Yes	18.9	11.8	10.8	12.8	5.6	9.5	11	80.4	80.4
Wilbur Smith Associates	Yes	Yes	Yes	17.6	11.2	12.5	12	5.9	9.5	11	79.7	79.7
Carter Burgess	Yes	Yes	Yes	18.9	12.6	11.1	11.2	5.6	9	11	79.4	79.4
C Faulkner Engineering, L.P.	Yes	Yes	Yes	18.4	11.6	10.7	10.4	6.2	9.5	11	77.8	77.8
Davcar Engineering (MBE/MH)	Yes	Yes	Yes	16.6	11.4	10.7	11.2	6.4	8.4	11	75.7	75.7
MACTEC, Inc. Associated Consulting Engineers, Inc.	Yes	Yes	Yes	17.5	10.8	10.9	10.6	5.1	9.5	11	75.4	75.4
	Yes	Yes	Yes	15	9.8	10.7	10.2	6.2	7.2	11	70.1	70.1

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

10/21/2004
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 relative to the design of improvements to City-maintained water transmission mains for the 2004 Valve Replacement Program, in an amount not to exceed \$186,000.

FINANCIAL INFORMATION:

Parent Project Name:	Water Unfunded Future
Project Authorization:	2003-04 Approved Capital Budget
Funding Source:	Commercial Paper
Number:	3960 227 1019

Current Appropriation	\$ 271,508,739.00
Unencumbered Balance	74,029,311.25 *
Amount of This Action	<u>(186,000.00)</u>
Remaining Balance	<u>\$ 73,843,311.25</u>
 Current Available Balance	 \$ 76,380,536.25
Less Outstanding Commitments	<u>(2,351,225.00)</u>
Estimated Unencumbered Balance	<u>\$ 74,029,311.25 *</u>

Utility Finance: _____


David Anders, Utilities Finance Manager

Date: 9/27/04

REF. # 3960 227 7523

No.100604-D
**AUTHORIZE NEGOTIATION AND EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT
WITH LOCKWOOD, ANDREWS & NEWNAM, INC. FOR PROVIDING ENGINEERING SERVICES
RELATIVE TO THE DESIGN OF IMPROVEMENTS TO CITY-MAINTAINED WATER
TRANSMISSION MAINS FOR THE 2004 VALVE REPLACEMENT PROGRAM, IN AN AMOUNT NOT
TO EXCEED \$186,000
WATER AND WASTEWATER COMMISSION RESOLUTION
OCTOBER 6, 2004
REGULAR MEETING
VOTE: 5-0-0-4**

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

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of a professional services agreement with Lockwood, Andrews & Newnam, Inc. for providing engineering services relative to the design of improvements to City-maintained water transmission mains for the 2004 Valve Replacement Program, in an amount not to exceed \$186,000.


Michael Warner Chairperson
Water and Wastewater Commission

10-6-04
Date