

A U S T I N C I T Y C O U N C I L

A G E N D A



Thursday, March 08, 2007

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Public Works RECOMMENDATION FOR COUNCIL ACTION

ITEM No 18

Subject Authorize negotiation and execution of an amendment to the professional services agreement with CAMP DRESSER & McKEE (CDM) Austin TX for additional construction phase services for the Ullrich Water Treatment Plant Expansion Projects in the amount of \$490 730 for a total contract amount including all phase of services (design through construction as indicated below) not to exceed \$23 689 384

Amount and Source of Funding Funding is in the Fiscal Year 2006 2007 Capital Improvement Budget of the Austin Water Utility

Fiscal Note A fiscal note is attached

Additional Backup Material

(click to open)

☐ **AUTHORIZATION
HISTORY**

☐ **FISCAL NOTE**

☐ **BOARD AND
COMMISSION
RECOMMENDATION**

For More Information Jay Ulary P E 974 7113 Jim Randig P E 972 0259 Laura Bohl 974 7064

MBE/WBE 18 85% MBE and 44 82% WBE subconsultant participation to date

Boards and Commission Action Recommended by the Water and Wastewater Commission

Prior Council Action 06/22/00 Initial PSA for Preliminary Engineering Report and design/construction phase services for a Membrane Demonstration Plant 03/22/01 – Construction Phase services for the Membrane Demonstration Plant 07/18/02 Design Phase Services 10/23/03 Construction Phase Services 06/08/06 – Additional Construction Phase Services

In November 2003 the City entered into a construction contract with Archer Western Contractors Inc for construction of the Ullrich Water Treatment Plant (WTP) Expansion to 160 MGD (million gallons per day) – Contract 3 Project in the amount of \$60 852 810 The construction contract included installation of equipment prepurchased by the City from seven vendors The dollar value of the prepurchased equipment was \$9 625 020

The contract required that Archer Western Contractors meet five Interim Contractual milestones with a substantial completion to be achieved by February 8 2006 and final completion of the project by May 9 2006 Archer Western Contractors failed to meet four of the five Interim Contractual Milestones and the substantial and final completion dates required by the original schedule Subsequently the City had demanded that Archer Western Contractors substantially complete the project by September 15 2006 and to finally complete the Project by December 15 2006 Although the Interim Contractual Milestones have been achieved the project is not yet substantially or finally complete Archer Western Contractors contend that the project is behind schedule due to either delays in receipt of owner supplied equipment or delays due to the City and/or their design consultant The City has provided Archer Western Contractors an extensive punch list of items that must be completed prior to a final completion inspection Staff projects that it will be late spring or early summer before the punch list is completed and the project is complete

The work to be performed under this proposed amendment is for additional construction phase services

required due to the extended contract time required by Archer Western Contractors to complete the work
The City will pursue reimbursement for this work from Archer Western Contractors Inc

AUTHORIZATION HISTORY

Amount	DATE	DESCRIPTION
\$ 2 100 000 00	06/22/00	Council authorization to negotiate and execute Professional Services Agreement for Preliminary Engineering and limited Design Phase Services
\$ 7 480 00	Admin	Additional DACS System Preliminary Engineering
\$ 32 315 00	Admin	Cryptosporidium Removal Challenge Test
\$ 840 590 00	03/22/01	Construction Phase Services and Operation of Membrane Demonstration Project and DACS Improvements
\$ 9 000 000 00	07/18/02	Design Phase services for the Plant Expansion to 160 MGD
\$ 8 798 792 00	10/23/03	Construction Phase Services
\$ 2 370 529 00	06/08/06	Chlorine Investigative Report and Additional Construction Phase Services
\$ 48 948 00	Admin	Additional Construction Phase Services for Phase 5C
\$ 490 730 00	00/00/00	Proposed Additional Construction Phase Services for Phase 5D
\$ 23 198 654 00		Total Contract Authorization

CONTRACT HISTORY

Amount	DATE	DESCRIPTION
\$ 2 022 282 00	08/28/00	Original Professional Services Agreement for Preliminary Engineering Report
\$ 85 198 00	01/19/01	SA #1 DACS System Improvements
\$ 32 315 00	02/26/01	SA #2 Cryptosporidium removal testing
\$ 840 590 00	03/22/01	SA #3 Construction Phase Services & Operations of Membrane Demonstration Plant
\$ 8 644 325 00	08/09/02	SA #4 Design and Bidding Phase Services
\$ 69 083 79	03/07/03	SA #5 Additional Design Services
\$ 8 798 792 00	02/04/04	SA #6 Construction Phase Services
\$ 286 591 00	05/17/04	SA # 7 Additional Design Phase Services
\$ 2 370 529 00	06/08/06	SA #8 Additional Construction Phase Services
\$ 48 948 00	06/08/06	SA # 9 Additional Construction Phase Services for Phase 5C
\$ 490 730 00	00/00/00	Proposed SA # 10 Additional Construction Phase Services for Phase 5D
\$ 23 198 653 79		Total Contract Expenditures

Participation goals stated in the original approved compliance plan for the agreement were 2 0% African American (MB) 11 0 % Hispanic (MH) 1 7 % Native American/ Asian American (MA) and 30 0 % WBE Participation for this amendment

NON M/WBE TOTAL – PRIME	\$211 570	43 11%
Camp Dresser & McKee Inc Austin TX	\$211 570	0 00%
MBE TOTAL – SUBCONSULTANTS	\$119 200	24 29%
African American Subtotal	\$90 800	18 50%
All Point Inspection Services Austin TX (civil/site inspection)	\$61 200	12 47 %
ELLHOUSE Austin TX (structural building mechanical inspection)	\$29 600	6 03 %
Hispanic Subtotal	\$21 200	4 32%
Azcarate – Fisher Consulting Dallas TX (HVAC)	\$13 200	2 68%
CasaBella Architects Austin TX (architectural)	\$ 4 000	0 82%
Jose I Guerra Inc Austin TX (structural engineering)	\$ 4 000	0 82%
Asian American Subtotal	\$7 200	1 47%
Gupta & Associates Inc Dallas TX (civil engineering general inspections)	\$7 200	1 47 %
WBE TOTAL – SUBCONTRACTORS	\$158 460	32 29%
Axiom Engineers Austin TX (civil engineering)	\$5 000	1 02%
Clinger Business Services Austin TX (administration)	\$51 760	10 54%
Compugraphics Wimberley TX (drafting)	\$12 000	2 45%
Harutunian Engineering Corporation Austin TX (electrical and instrumentation engineering)	\$16 500	3 36%
Susan Kane Booth Consulting Engineer Austin TX (startup and O&M)	\$73 200	14 92%
Wandering Star Industrial Controls Austin TX (application software)	\$0	0 00%
NON M/WBE TOTAL – SUBCONTRACTORS	\$1 500	0 31%
Bryan Construction Co Bryan TX (construction consultants)	\$0	0 00%
Machine Dynamics Albuquerque NM (vibration engineering)	\$1 500	0 31%
Specialized Response Solutions Fort Worth TX (bulk chlorine system training)	\$0	0 00%
Structural Integrity Associates Inc Austin TX (industrial metallurgist)	\$0	0 00%

Overall participation for the entire project including this amendment

PRIME

30 83% Non M/WBE

SUBCONSULTANTS

6 28% MB 10 63 % MH 1 94 % MA 44 82% WBE and 5 50% Non M/WBE

TOTAL

6 28% MB 10 63% MH 1 94% MA 44 82% WBE and 36 33% Non M/WBE

CAPITAL IMPROVEMENT BUDGET FISCAL NOTE

DATE OF COUNCIL CONSIDERATION
WHERE ON AGENDA
DEPARTMENT

03/08/07
Resolution
Austin Water Utility

DESCRIPTION

SUBJECT Authorize negotiation and execution of an amendment to the professional services agreement with CAMP DRESSER & McKEE (CDM) Austin TX for additional construction phase services for the Ullrich Water Treatment Plant Expansion Projects in the amount of \$490 730 for a total contract amount including all phase of services (design through construction as indicated below) not to exceed \$23 689 384

FINANCIAL INFORMATION

Project Name	Ullrich WTP 160 MGD Improvements
Fund	4240
Department	2207
Unit	7160

Current Appropriation	\$ 35 884 000 00
Unencumbered Balance	\$ 7 186 400 17
Less Outstanding Commitments	(75 411 00)
Amount of This Action	<u>(490 730 00)</u>
Remaining Balance	<u>\$ 6 620 259 17</u>

Utility Finance



David Anders Utilities Finance Manager

Date

2/21/07

No 022807 F

**RECOMMEND AUTHORIZATION TO NEGOTIATE AND EXECUTE AN AMENDMENT
TO THE PROFESSIONAL SERVICES AGREEMENT WITH CAMP DRESSER AND
MCKEE (CDM) AUSTIN TX FOR ADDITIONAL CONSTRUCTION PHASE SERVICES
FOR THE ULRICH WATER TREATMENT PLANT EXPANSION PROJECTS IN THE
AMOUNT OF \$490 730 FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED
\$23 689 384 00**

**February 28, 2007
REGULAR MEETING
VOTE**

	Motion		Commissioner's Vote		
	Made By	Consenting	Dissenting	Abstaining	Absent
Michael Warner (Chairperson)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chien Lee P E (Vice Chair)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ronnie Jones	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leslie Pool	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Karen Friese P E	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Laura Raun	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cheryl Scott Ryan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dale Gray	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Water and Wastewater Commission recommends authorization to negotiate and execute an amendment to the professional services agreement with CAMP DRESSER and McKEE (CDM) Austin TX for additional construction phase services for the Ulrich Water Treatment Plant Expansion Projects in the amount of \$490 730 for a total contract amount not to exceed \$23 689 384 00

Michael Warner Chairperson
Water and Wastewater Commission

Date