



**Purchasing Contract
CITY OF AUSTIN
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.: 20
AGENDA DATE: Thu 03/09/2006
PAGE: 1 of 2**

SUBJECT: Ratify a contract with EXCEL CONSTRUCTION SERVICES, LLC, Austin, TX, for emergency repair services of a chlorine scrubber at the Davis Water Treatment Plant in an amount not to exceed \$105,075.

AMOUNT & SOURCE OF FUNDING: Funding is available in the Fiscal Year 2005-2006 Approved Capital Budget of the Austin Water Utility.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Purchasing **DIRECTOR'S**
DEPARTMENT:for Austin Water Utility; **AUTHORIZATION:** Vickie Schubert

FOR MORE INFORMATION CONTACT: Stephen T. Aden, Supervising Senior Buyer, 974-2021.

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: N/A

PURCHASING: Emergency Purchase.

MBE / WBE: N/A

The Davis Water Treatment Plant experienced a failure of its chlorine scrubber system due to a blowout of the discharge line from the pump to the scrubber. This scrubber is a safety system that removes chlorine gas from the air upon an accidental or inadvertent chlorine release by failed components within the chlorine handling system prior to release of that air into the atmosphere. Originally installed in the early nineties, this scrubber is approaching the end of its anticipated useful life and is scheduled to be replaced in an upcoming construction contract. However, due to a minimum of three months for fabrication and the additional time required to complete design, bid, deliver to site and install a replacement unit, an immediate repair of the existing unit was required to ensure the Plant maintains an operable scrubbing system. Having this scrubber out of service could pose an immediate risk to the safety and health of Plant personnel and the public.

An expedited purchasing process was utilized to acquire competitive bids and to secure the necessary repair services.



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**BID TABULATION
IFB No. SA06300051**

VENDOR

TOTAL BID PRICE

**Excel Construction Services, LLC
Austin, TX**

\$105,075

**Keystone Construction Inc.
Austin, TX**

\$134,000

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

3/9/2006
Resolution
Austin Water Utility

DESCRIPTION:

Ratify a contract with EXCEL CONSTRUCTION SERVICES, LLC, Austin, TX, for emergency repair services of a chlorine scrubber at the Davis Water Treatment Plant in an amount of \$105,075.

FINANCIAL INFORMATION:

Parent Project Name	Water Improvements - Citywide
Project Authorization:	2005-06 Approved Capital Budget
Funding Source:	Current Revenue
Number:	3920 227 1016

Current Appropriation	\$ 115,568,949.00
Unencumbered Balance	25,624,041.96 *
Amount of This Action	<u>(105,075.00)</u>
Remaining Balance	<u>\$ 25,518,966.96</u>
 Current Available Balance	 \$ 27,010,930.25
Less Outstanding Commitments	<u>(1,386,888.29)</u>
Estimated Unencumbered Balance	<u>\$ 25,624,041.96 *</u>

Utility Finance:



David Anders, UTUE's Finance Manager

Date:

3/22/06

REF. # 3920 227 7140



MEMORANDUM

To: Mayor and Council Members

From: Chris Lippe, P.E., Director
Austin Water Utility

Date: February 28, 2006

Subject: Emergency Contract at the Davis Water Treatment Plant – Chlorine Scrubber

The chlorine scrubber system at the Davis Water Treatment Plant has experienced some leaks in the piping system that circulates the sodium hydroxide used to neutralize the chlorine. Though the system has been temporarily repaired to allow operation of the system, a permanent repair is critical to the long term safe operations of the facility.

When the leaks were discovered, temporary patches were made to the piping, and the scrubber system remains operational.

The permanent repairs to the scrubber system were pursued with two options available. The first option was to replace the existing system with the dry scrubber system recommended in the preliminary engineering studies at the Davis WTP. Further study into this option indicated it would take a minimum of six to seven months to design, bid, and construct. This was deemed unacceptable, as it would carry into the summer months when peak day flows would require more handling of the chlorine. The second option was to replace the existing piping system.

Working with engineers familiar with this system, a design and scope of work was developed. The sodium hydroxide in the scrubber system will have to be drained to allow replacement of the piping and then replaced with fresh sodium hydroxide. The sodium hydroxide is considered a hazardous material and must be handled by a company with appropriate certification.

The bids for this project were sent out on January 30, 2006 and a pre-bid meeting held on Feb 3, 2006. Bid tabulations were received from the Purchasing Department on February 10, 2006. Award of this project is proposed to go to Excel Construction for \$105,075. The contractor will be given two months to complete the work.

Should you have any further questions, please feel free to contact me at 972-0108.

**Chris Lippe, P.E., Director
Austin Water Utility**

**Xc: Toby Hammett Futrell, City Manager
Joe Canales, Deputy City Manager
Urcha Dunbar-Crespo, Deputy Purchasing Officer
Jane Burazer, Assistant Director, Austin Water Utility**



MEMORANDUM

TO: Mayor and Council Members

FROM: Chris Lippe, P.E., Director
Austin Water Utility

DATE: March 1, 2006

SUBJECT: Ratification of Emergency Contract at the Davis Water Treatment
Plant – Chlorine Scrubber

Please consider this as an addendum to the February 28th memo for the emergency contract to repair the chlorine scrubber at the Davis Water Treatment plant. For clarification purposes, the award was made to Excel Construction on February 13, 2006 in the amount of \$105,075. This ratification RCA will be on the March 9th agenda.

Please contact me if you have any further questions.

Chris Lippe, P.E., Director
Austin Water Utility