



**GOVERNING BOARD AGENDA ITEM
AMPHITHEATER UNIFIED SCHOOL DISTRICT NO. 10**

DATE OF MEETING: August 23, 2011

TITLE: Award of Contract for Industrial Water Systems and Water Treatment Maintenance and Repair Based Upon Responses to Request for Proposal (RFP) 10-0070

BACKGROUND:

Request for Proposal (RFP) 10-0070 was mailed to nine vendors providing maintenance, repair and industrial water treatment services to HVAC cooling towers; 4 vendors responded. The work requires monthly service to twenty-one cooling towers at ten district facilities. Responding vendors were evaluated based on their company qualifications, references provided for comparable work, water treatment systems utilized, employee resources, technician training & certification and cost of service. Please see Evaluation Criteria.

RECOMMENDATION:

The Administration recommends the Governing Board approve the Award of Contract to Advanced Chemical Technology, Inc. as per the attached award recommendation.

INITIATED BY:

Scott Little

Scott Little, Chief Financial Officer

Date: August 15, 2011

Vicki Balentine

Vicki Balentine, Ph.D., Superintendent

Evaluation Criteria

Company Qualifications - References for Comparable Work

Advanced Chemical Technology

Chandler Schools, Madison Schools & Kyrene Schools

Chemtex International

Sunnyside School District, Casa Grande High School District, Sahuarita Schools, Duncan School District and Amphitheater Schools

Southwest Water Solutions

The University of Arizona, Southwest Gas & the Tucson Mall

Western Water Technologies

Marana School District, Tucson Electric Power, Williams Center, Catalina Foothills School District

Water Treatment System Utilized

Advanced Chemical Technology

- use automated equipment for controlling & monitoring the flow of chemicals for the treatment of water in cooling towers and closed loop systems for heating and cooling
- cooling tower cleaning w/microbiocide and tools to remove scaling/water analysis
- weekly, monthly, and quarterly visits—depending on service tasks
- electronic service reports
- uses a combination of at least six (6) chemicals all having specific uses for specific systems—corrosion scale inhibitors, biocide etc.

Chemtex International

- Web based control and monitoring systems for chemical delivery to determine proper dosages for cooling towers and closed loop systems for heating and cooling
- twice per month on site preventative service calls that includes a comprehensive cleaning of cooling towers, water chemistry checks, chemical re-supply, service reports and consultation/recommendations
- electronic service reports
- provide a combination of at least four (4) chemicals to treat systems all having a specific purpose (corrosion, scale inhibitors, biocides) dictated by type of treatment and system
- one product (C-750C) is an organic compound.

Southwest Water Solutions

- use automated equipment to control and monitor the flow of chemicals for the treatment of cooling tower water and closed loop systems for heating and cooling
- comprehensive cooling tower cleaning and water analysis
- monthly service program
- written service reports
- uses a combination of at least three (3) chemicals

- one chemical CS-3000 mentioned for treatment of closed loop systems

Western Water Technologies

- automated metering and control devices for cooling towers, closed loop systems for heating and cooling.
- cooling tower cleaning
- monthly service program
- written service reports
- complete line of cleaning chemicals

Employee Resources - Certification & Training

Advanced Chemical Technology

The four member team responsible for the Amphitheater account have over 110 years of experience in industrial water treatment. Two have completed their certification and training in Intermediate and Advanced Water Technologist. A third has a degree in chemistry, is a DOT Hazardous Material Trainer and holds two patents on the treatment of cooling water. The fourth is a trained stationary engineer qualified to provide service to chillers, closed loops & steam boilers, is a certified AC mechanic and has completed the Intermediate Water Technologist Training Program

Chemtex International

The four team members responsible for the Amphitheater account have over 71 years experience in industrial water treatment. One member has a Basic Air Conditioning Certificate from Pima College, completed the Chemtex Advanced Chemical Safety Training and has a Job Safety Training Certificate. A second team member has completed both the Beginning and Intermediate Chemical Safety Training courses, the Chemtex Advanced Chemical Safety Training and has a Job Safety Training Certificate. The third member has a degree in Civil Engineering, a fourth Advanced Water Treatment Training and Technical Equipment Automated Training.

Southwest Water Solutions

The four team members responsible for the Amphitheater account have over 92 years experience in industrial water treatment. All four regularly attend training seminars to keep up to date on the latest water treatment programs available.

Western Water Technologies

The four team members responsible for the Amphitheater account have over 37 years experience in industrial water treatment.

Annual Cost of Service

Advanced Chemical Technology	\$19,980.00
Chemtex International	\$24,000.00
Southwest Water Solutions	\$28,488.00
Western Water Technologies	\$35,400.00

Vendor Evaluations

All four responding vendors provide industrial water systems maintenance and repair services to institutional users. Western Water Technologies did not provide adequate information on their treatment regimen and furnished minimal information on their company qualifications and employee resources.

Southwest Water Systems failed to provide a clear summary of the chemicals they use in their water treatment, only the Material Safety Data Sheets.

Both Chemtex International and Advanced Chemical Technical provided a detailed response covering their water treatment, maintenance and repair services for district HVAC cooling towers and were deemed eligible for an award of contract.

Advanced Chemical Technology price quote at \$19,980.00 annually is 40% lower than the annual price quoted by Chemtex International.

Award Recommendation

Tom Gill, Building Systems Manager Facilities Support Services and Pete Burgard, Purchasing Manager evaluated the vendor responses. Based on the above Vendor Evaluation recap Advanced Chemical Technology, Inc. is recommended for an award of contract.