

Date: January 25, 2010
To: City Council
Through: Bryan Raines, Deputy City Manager
From: Edward Quedens, Business Services Director
Subject: Purchase of Equipment for Three (3) Additional Chlorine Gas Feed Systems for the Water Resources Department (Sole Source) (Contract #2009203)
"Citywide" Contract

Purpose and Recommendation

Council is requested to approve the Purchase of Equipment for Three (3) Additional Chlorine Gas Feed Systems as recommended. Bid pricing was obtained and evaluated by the Water Resources Department and the Purchasing Division.

The Purchasing Division recommends authorizing purchase from the sole source bidder, Engineered Sales Company at \$136,247.90, including applicable use tax.

Background/Discussion

This purchase will provide the necessary equipment for three (3) automatic controlled chlorine feed systems at strategic locations in the City's water distribution system. The equipment includes automatic feed chlorinators, weighing scales, vacuum regulators, chlorine residual analyzers, injector booster pumps and safety equipment such as an automatic shutoff system, leak detectors, etc. This equipment will be used to boost the chlorine residual in water from the Val Vista Treatment Plant that is pumped into Falcon Field and eastern zones. It will also provide two automatic chlorine feed systems to provide the capability to boost the chlorine residual at the Scarlett booster pump stations in Las Sendas. These systems will provide the capability to reduce the chlorine dosage and better control the feed rate of chlorine to the potable water as flows vary, which is one of the strategies to meet the new drinking water Disinfection Byproduct (DBP) regulations. The equipment will be used to install a new chlorine system at three (3) selected key pump stations that do not currently have the capability to feed chlorine.

The City has standardized on Severn Trent Capital Controls chlorine feed equipment at all of its facilities. Using another manufacturer will negatively impact the City: spare parts inventory would double; it would take additional time to order spare parts; and purchasing replacement parts not manufactured by Capital Controls would void all warranties and liabilities associated with the equipment.

The recommended vendor, Engineered Sales is the sole provider of service, parts and repairs in Arizona for Severn Trent Capital Controls associated with the equipment.

Alternatives

Council may choose not to award this contract and new bids would be obtained.

Fiscal Impact

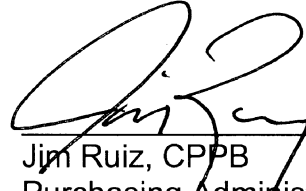
The total amount of \$136,247.90 is available in the Water Resources Department's budget.

Coordinated With

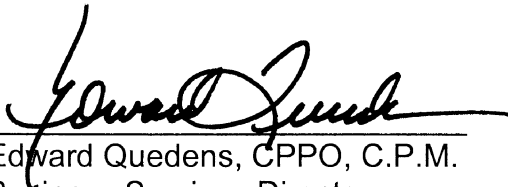
Water Resources Department – Water Utility



Pamela Chavez,
Management Assistant II



Jim Ruiz, CPPB
Purchasing Administrator



Edward Quedens, CPPO, C.P.M.
Business Services Director



Bryan Raines,
Deputy City Manager

CITY OF MESA
PURCHASE RECOMMENDATION
SEVERN TRENT/CAPITAL CONTROLS CHLORINE FEED EQUIPMENT
(REQUEST FOR BID #2009203)

Engineered Sales Company
Phoenix, AZ

Description	Bid Pricing
Chlorine Feed System to include, vacuum regulator, automatic chlorinator, chlorine injector and chlorine diffuser. Associated equipment to include, chlorine scales, chlorine residual analyzer, injector water booster pump, chlorine leak detector, etc., shall be provided per bid specifications	<p>Sub-Total \$125,806.00</p> <p>8.3% Use Tax <u>\$10,441.90</u></p> <p>TOTAL \$136,247.90</p>