



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

**AGENDA ITEM NO.: 28
AGENDA DATE: Thu 03/24/2005
PAGE: 1 of 1**

SUBJECT: Authorize execution of a contract with MGD TECHNOLOGIES INC., Dallas, TX, for the purchase of twenty wastewater flow meters for the Austin Water Utility in an amount not to exceed \$442,650.

AMOUNT & SOURCE OF FUNDING: Funding is included in the Fiscal Year 2004-2005 Approved Capital Budget of the Austin Water Utility.

FISCAL NOTE: A fiscal note is attached.

REQUESTING Purchasing
DEPARTMENT: for Austin Water Utility;

DIRECTOR'S
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: Sole Source.

MBE / WBE: This contract will be awarded in compliance with Chapter 2-9 of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

The purpose of this contract is to purchase 20 wastewater flow meters from MGD Technologies, Inc. to be used by the Collection System Services Division of Austin Water Utility (AWU). The meters are specifically designed to measure wastewater flow in large-diameter sewer pipes. Wastewater flow rates may be determined by measuring both the velocity of the water and the depth of water flowing through the pipe. In large-diameter pipes, the overall velocity measurement must account for difference in velocities at the water surface and near the pipe walls.

In 1998, a flow meter manufactured by Accusonic Technologies was purchased to test and evaluate its ability to meet the City's requirements. Later in 2000, two other meters were purchased from MGD Technologies, Inc. for the same purpose. The Accusonic flow meter was installed in the Walnut Creek Wastewater Treatment Plant's influent line until 2001, when the velocity measurement sensors failed. The vendor and AWU personnel were unable to repair the meter. It was eventually removed and replaced with the MGD meter which has operated reliably since it was installed. As a result of the experience, AWU and engineering consultants with the Austin Clean Water Program have thoroughly evaluated the accuracy and reliability of the meters that can be utilized in the large diameter pipes. Reliability is critical for installations in large-diameter pipes that are deep underground and not readily accessible for maintenance and repairs. It is for this reason AWU has concluded that the MGD meter is the only instrument available that fulfills the requirements of its flow-monitoring program.

MGD Technologies, Inc. is the manufacturer and sole provider worldwide for the Acoustic Doppler Flow Meters being purchased.

CIP FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
WHERE ON AGENDA:
DEPARTMENT:

3/24/2005
Resolution
Austin Water Utility

DESCRIPTION:


Authorize execution of a contract with MGD TECHNOLOGIES INC., Dallas, TX for the purchase of wastewater flow meters for the Austin Water Utility in an amount not to exceed \$442,650.00.

FINANCIAL INFORMATION:

Parent Project Name:	Capital Equipment
Project Authorization:	2004-05 Approved Capital Budget
Funding Source:	Contractual Obligation
Number:	4680 237 8001

Current Appropriation	\$ 13,864,864.00
Unencumbered Balance	2,405,361.82 *
Amount of This Action	<u>(442,650.00)</u>
Remaining Balance	<u>\$ 1,962,711.82</u>
Current Available Balance	\$ 3,512,917.90
Less Outstanding Commitments	<u>(1,107,556.08)</u>
Estimated Unencumbered Balance	<u>\$ 2,405,361.82 *</u>

Utility Finance: _____


David Anders, Utilities Finance Manager

Date: _____

3/3/05

REF. # 4680 237 8004