



City Council Report

Date: January 12, 2009
To: City Council
Through: Bryan Raines, Deputy City Manager
From: Edward Quedens, Business Services Director
Subject: Purchase of One (1) Urban Tactical Robot for the Mesa Police Department (Mesa Contract #2008192) (Fully Grant Funded UASI Federal Homeland Security Program) (**Sole Source**)
"Citywide" contract

Purpose and Recommendation

Council is requested to approve the Purchase of One (1) Urban Tactical Robot as recommended. Sole Source bid pricing was obtained and evaluated by the Police and Business Services Departments.

The Business Services Department recommends accepting the sole source bid from Automatika/Foster-Miller, Inc. at \$69,132.10, including applicable use tax.

Federal funds available from the Homeland Security Program, 2007 Urban Area Security Initiative (UASI) Grant, which must be used while the funding is made available or forfeited, will be utilized for this purchase.

Background/Discussion

This purchase will provide a robot designed for use in urban environments to enhance tactical officer safety and bomb/device detection. The Police Department's Tactical and Bomb Teams will utilize this robot during critical missions that involve placing a robot in potential danger rather than an officer, as well as to provide multi-agency support for threats or incidents involving explosive devices throughout the valley.

This robot is unique in that it can perform inverted operations, has all-wheel drive to maneuver on a variety of terrains, includes motion detectors, a camera and distance sensor with pan/tilt mast and a submersible wide-angle microphone to enhance Tactical and Bomb Team efforts in a critical incident. Other robot configurations have been reviewed and tested, but they were not designed from the ground up for tactical purposes and have proven to be unreliable.

Automatika, a subsidiary of Foster-Miller, Inc. is the manufacturer and sole source for this robot system.

Alternatives

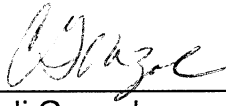
Council may choose not to award this purchase and new bids will be obtained; however, this would negatively impact the Police Department's ability to respond to explosive device incidents.

Fiscal Impact

The total amount of \$69,132.10 is available through the Homeland Security Program, 2007 Urban Area Security Initiative (UASI) Grant.

Coordinated With:

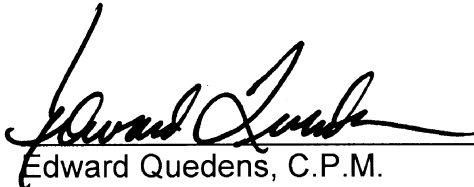
Mesa Police Department



Cyndi Gonzales,
Management Assistant II



Jim Ruiz, CPPB
Purchasing Administrator



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



Bryan Raines,
Deputy City Manager

**CITY OF MESA
 AWARD RECOMMENDATION
DRAGON RUNNER DR-20 ROBOT
 (REQUEST FOR BID #2008192)**

Automatika/Foster-Miller, Inc.
Waltham, MA

Description	Total Net Bid
Dragon Runner Twenty Robot System, including: DR-20 Baseline Vehicle with Digital Radios, DR-20 Operator Control Unit with Digital Radios, Arm Assembly with 360 Degree Rotating Turret, Two-Stage Rotatable Turret with 360 Degree Rotatable Wrist, Gripper Assembly with Camera & Distance Sensor and Pan/Tilt Mast with 40:1 Zoom Color Camera, Track Kit 3, Mobility Tracks Kit, Off Road, Curb Climbing and Stair Climbing, Charger for Lithium-ion Batteries, Shipping Case, Vehicle & OCU, Spare Hardware Kit and Operator Training.	\$65,466.00 5.6% Use Tax <u>3,666.10</u> Sub Total \$69,132.10