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# City Council Report

**Date:** May 18, 2009  
**To:** City Council  
**Through:** Bryan Raines, Deputy City Manager  
**From:** Edward Quedens, Business Services Director  
**Subject:** Purchase of Replacement Inductively Coupled Plasma-Optical Emission Spectrometer for Water Resources, Compliance Laboratory (Mesa Contract #2009121)  
"Citywide" contract

## Purpose and Recommendation

Council is requested to approve the Purchase of Replacement Inductively Coupled Plasma-Optical Emission Spectrometer as recommended. Bid pricing was obtained and evaluated by the Water Resources and Business Services Departments.

The Business Services Department recommends awarding the contract to the lowest, responsive and responsible bidder, PerkinElmer Health Sciences Inc. at \$77,678.62, including applicable use tax.

## Background/Discussion

This purchase will provide the Compliance Laboratory replacement equipment and software to perform metals analyses of inorganic compliance samples from the City's wastewater, bio-solids and industrial pre-treatment programs on a weekly, monthly and quarterly basis. The EPA requires the Compliance Laboratory to use Method 200.7 when analyzing metals with this type of Emission Spectrometer. Sending out the different types of samples to commercial labs is not cost effective compared to staff performing the additional analyses in-house. The Compliance Laboratory will realize an annual cost savings of \$30,000 which includes the cost of supplies and amortizing the equipment's cost over ten (10) years, with a return-on-investment in approximately 2.5 years.

Three responsive bids were received in April 2009.

## Alternatives

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

**Fiscal Impact**

The total amount of \$77,678.62 is available in the Water Resources Department's budget.

**Coordinated With:**

Water Resources Department



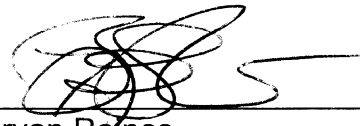
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Pamela Chavez,  
Management Assistant II



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Jim Ruiz, CPPB  
Purchasing Administrator



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



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Bryan Raines,  
Deputy City Manager

**CITY OF MESA  
AWARD RECOMMENDATION  
INDUCTIVELY COUPLED PLASMA-OPTICAL EMISSION SPECTROMETER  
(REQUEST FRO BID #2009121)**

**PerkinElmer Health Sciences, Inc.**  
Shelton, CT

Description	Bid Price
OPTIMA 7000DV ICP Optical Emission Spectrometer per specifications, including: Chiller (low noise), Controller, Workstation Computer and Software, Autosampler for ICP, Laser Printer, Nebulizer-Peek Mia Mist 4000, Installation, Set-up, Freight and Two-Year Additional Service Warranty	<b>\$73,559.30</b>
	5.6% Use Tax <u>\$4,119.32</u>
	<b>TOTAL     \$77,678.62</b>

"No-Bid" Response Received from:  
Varian Inc. – Walnut Creek, CA

**April 2009 Bid Responses:**

PerkinElmer Health Sciences Inc. Shelton, CT	\$73,559.30 (Recommended)
Thermo Electron North America LLC Madison, WI	\$87,806.20
Teledyne Tekmar Company Hudson, NH	\$94,035.00