

CITY OF HIGH POINT

AGENDA ITEM



Title: ICP Mass Spectrophotometer

From: Terry Houk – Public Services Director

Meeting Date: June 6, 2016

Advertising Date: May 12, 2016

Advertised By: Purchasing

Public Hearing: No

Attachments: Attachment – Bid Tabulation Sheet

PURPOSE:

A inductively coupled plasma mass spectrometer (ICP-MS) is an analytical instrument used for elemental determinations. The instrument is capable of determining metals and several non-metals at concentrations below one part per trillion (ppt).

BACKGROUND:

The North Carolina Department of Environmental Quality (NCDEQ) Dissolved Metals Rule is requiring municipalities to monitor metals in the ppt range. The ICP/MS has advantages of high speed, precision and sensitivity compared to other instruments and techniques. The instrument is also superior to detection capability of other instruments with the same sample throughput and has the ability to obtain isotopic information which is ideal for elements such as chromium. Perkin-Elmer has been selected to provide this equipment.

BUDGET IMPACT:

Funds for this project are included in the 2015-2016 budget.

RECOMMENDATION / ACTION REQUESTED:

The Public Services Department recommends approval of the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.



FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL

DEPARTMENT: Public Services

COUNCIL AGENDA DATE: June 6, 2016

BID NO.: 59-051216 CONTRACT NO.: DATE OPENED: May 12, 2016

DESCRIPTION:

ICP - Mass Spectrophotometer

PURPOSE:

Ultra low level metal pollution analysis in water and wastewater.

COMMENTS:

RECOMMEND AWARD TO: Perkin Elmer AMOUNT: \$124,687.00

JUSTIFICATION:


Low bid

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	533101	421161027680	40202	\$150,000.00
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: Terry Houk Digitally signed by Terry Houk
DN: cn=Terry Houk, o=City of High Point, ou=Public
Services, email=terry.houk@highpointnc.gov, c=US
Date: 2016.05.26 07:55:24 -0400 DATE: May 26, 2016

The Purchasing Division concurs with recommendation submitted by the Public Services and recommends
award to the lowest responsible, responsive bidder Perkin Elmer in the amount of \$ 124,687.00.

PURCHASING MANAGER: Erik S. Conti Digitally signed by Erik S. Conti
DN: cn=Erik S. Conti, o=ou,
email=erik.conti@highpointnc.gov, c=US
Date: 2016.05.26 09:46:51 -0400 DATE: May 26, 2016

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR:  Digitally signed by Jeffrey A. Moore
DN: cn=Jeffrey A. Moore, o=City of High Point, NC,
ou=Financial Services Director,
email=jfmoore@highpointnc.gov, c=US
Date: 2016.05.26 11:02:07 -0400 DATE: May 26, 2016

CITY MANAGER: Greg Demko Digitally signed by Greg Demko
DN: cn=Greg Demko, o=ou, email=greg.demko@highpointnc.gov,
c=US
Date: 2016.05.26 13:47:07 -0400 DATE: May 26, 2016

Bid Tabulation
Bid Number 59-051216
Inductively Coupled Plasma Mass Spectrometer
Date: May 12, 2016 @ 3:00 P.M.

<u>BIDDERS</u>	<u>Brand/Model</u>	Total Bid Price
Agilent Technologies	Agilent 7800	\$127,628.44
Perkin Elmer	NexION300/350X ICP-MS	\$124,687.00