



Legislation Details (With Text)

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On agenda:	12/11/2023	Final action:	12/11/2023		
Title:	Trade-in and Purchase of Gas Chromatograph Mass Spectrometer				
Attachments:	1. Resolution - GCMS Trade-in				

Date	Ver.	Action By	Action	Result
12/11/2023	1	City Council Business Meeting	Approve	

Trade-in and Purchase of Gas Chromatograph Mass Spectrometer

Action:

- A. Approve the purchase of a Gas Chromatograph Spectrometer by the sole source exemption,**
- B. Adopt a resolution authorizing the exchange of a used Gas Chromatograph Mass Spectrometer between the City of Charlotte and Agilent Technologies,**
- C. Authorize the City Manager to negotiate and execute a contract with Agilent Technologies for the purchase of a Gas Chromatograph Mass Spectrometer for the term of one year, and**
- D. Authorize the City Manager to renew the contract for up to two, one-year terms with possible price adjustments and to amend the contract consistent with the purpose for which the contract was approved.**

Staff Resource(s):

Johnny Jennings, Police
Jacquelyn Bryley, Police
Matthew Mathis, Police

Sole Source Exemption

- NC General Statute Section 143-129(e)(6) provides that formal bidding requirements do not apply when:
 - Performance or price competition are not available;
 - A needed product is available from only one source or supply; or
 - Standardization or compatibility is the overriding consideration.
- Sole sourcing is necessary for this contract because the requested equipment is essential in maintaining standardization.
- City Council approval is required for any purchases made under the sole source exception.

Explanation

- The Gas Chromatograph Mass Spectrometer (GCMS) instrument is an essential technology to analyze evidence for the presence of difficult-to-detect compounds. The equipment would be supplied by the same manufacturer as other instruments already validated and in use in the Chemistry Section of the Crime Laboratory.
- Parts for the existing GCMS instruments are interchangeable with the new equipment. Purchasing

this instrument from another vendor would require a second inventory of parts at a significant cost and an extensive validation of the new equipment and supplies.

- The end of life GCMS will be traded in towards the purchase of a new GCMS, reducing the purchase price of the new instrument by \$57,174.35.
- Public Notice of the exchange was published on the city's website on November 21, 2023.
- The total cost of the new GCMS is estimated at \$156,969. With the exchange, the first-year expenditure is estimated to be \$102,795, with annual expenditures in the years following estimated at \$15,000 for maintenance and repair needs.

Charlotte Business INclusion

This is a sole source contract and is exempt from the CBI Program.

Fiscal Note

Funding: General Capital Investment Plan

Attachment(s):

Resolution