

A G E N D A



Recommendation for Council Action (Purchasing)

Austin City Council

Item ID:

44974

Agenda Number

12.

Meeting Date:

May 21, 2015

Department:

Purchasing

Subject

Authorize award, negotiation, and execution of a contract with COPPER RIVER INFORMATION TECHNOLOGY LLC to complete the upgrade of the City's fiber optic networking system including software and hardware in an amount not to exceed \$4,331,067.

Amount and Source of Funding

Funding is available in the Fiscal Year 2014-2015 Capital Budget of the Communications and Technology Department.

Fiscal Note

A fiscal note is attached.

**Purchasing
Language:**

Sole proposal received from the current provider of maintenance and support for the City's ADVA fiber optic networking system.

**Prior Council
Action:**



**For More
Information:**

Shawn Willett, Corporate Purchasing Manager, 512-974-2274

**Boards and
Commission
Action:**



Related Items:

MBE / WBE:

This contract will be awarded in compliance with City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program through achievement of Good Faith Efforts.

Additional Backup Information

The upgrade will increase bandwidth over existing fiber optic backbones. This technology will enable the City's network infrastructure to accommodate any next generation form of data activity on the network including video web streaming, video training, video teleconferencing, and event monitoring. The upgrade is a multi-phase project that began in 2011.

Phase I of the upgrade consisted of implementation of the WDM optical network system including all optical hardware components and supporting devices, optical Network Management Software, network design modeling software, and integration and installation services for deployment in the City's existing Super Ring nodes.

Phase II consists of network product upgrades necessary to replace the legacy Resilient Packet Ring (RPR) currently deployed around the City. RPR is a protocol standard designed for the optimized transport of data traffic over optical fiber ring networks. The end-of-support for the RPR technology is December 2014. Phase II is not replacing the end-of-support Sub-Ring RPRs or network infrastructure.

This contract is needed to complete Phase III, the final project implementation. Phase III includes additional ADVA (network equipment for data, storage, voice and video services) Network Management Software, and ADVA Sub-Ring product with modifications to Super-Ring nodes, and decommissioning the end of support RPR devices in network transport. Phase III will increase network throughput to support current and future enterprise services with a scalable wide area optical transport network to handle high-bandwidth voice, data, and video applications.

An evaluation committee composed of personnel from the Communications & Technology Management Department with expertise in this area evaluated the proposal and based on the criteria, scored this proposal. Evaluation criteria included total cost, response to the technical, functional, and general requirements, experience and references, and local business presence. The cost was also analyzed to ensure that it is comparable with past similar contracts.

This contract is urgent because the equipment in production is no longer supported by the vendor. Delaying increases the risk that the legacy equipment will fail before it can be replaced. In addition, some of the connections are currently experiencing congestion due to lack of sufficient capacity.

MBE/WBE solicited: 40/12

MBE/WBE response: 0/0

PRICE ANALYSIS

- a. Adequate competition. This is an extremely specialized product with very limited resellers.
- b. 708 notices were sent including 40 MBEs and 12 WBEs. One response was received, with no response from the MBEs/WBEs.

APPROVAL JUSTIFICATION

- a. Sole proposal received.
- b. The Purchasing Office recommends contract award consistent with the findings of the evaluation committee.
- c. Advertised in the Austin American Statesman and on the internet.