Recommendation for Council Action

Austin City Council		**Item ID**	17277	**Agenda Number**		17.
Meeting Date:	8/2/2012			**Department:**		Communications and Technology Mgmt

Subject

Approve an ordinance amending the Fiscal Year 2011-2012 Communications and Technology Management Capital Budget (Ordinance No. 20110912-006) to appropriate $2,060,000 in funds from the issuance of contractual obligations for the purchase of a Multiplexing Optical Network System, hardware components, supporting devices, optical network management and network design modeling software, integration and implementation services. Related to Items # 18 and 46.

Amount and Source of Funding

$2,060,000 in Contractual Obligations to be issued.

Fiscal Note

A fiscal note is attached.

Purchasing Language:	
Prior Council Action:	
For More Information:	Peggy MacCallum, CTM 974-1661; Tina Van Wie, Budget Office 974-7921
Boards and Commission Action:	
MBE / WBE:	
Related Items:	

Additional Backup Information

Approval of this budget amendment for $2,060,000 will allow the Department to fund the purchase of a Multiplexing Optical Network System, hardware components, supporting devices, optical network management and network design modeling software, integration and implementation services.

The current fiber optic network, COATN, is out of manufacturer support by December of 2014 and cannot support the current and future telecommunication projects due to a lack of capacity to transmit large amounts of data and lack adequate bandwidth. The City can ensure adequate bandwidth resources for many years to come by upgrading the fiber optic electronics to Dense Wave Division Multiplexing (DWDM) technology. This technology will enable the city's network infrastructure to accommodate next generation form of data activity on the network (proliferation of video web streaming, video training, video teleconferencing and event monitoring).