

A G E N D A



Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	11770	Agenda Number	45.
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Meeting Date:	January 12, 2012
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Department:	Purchasing
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Subject

Authorize award and execution of a 12-month requirements supply contract with GENERAL ELECTRIC COMPANY dba GE Multilin U.S., Burnaby, BC, Canada for the purchase of JungleMUX equipment for Austin Energy and Communications & Technology Management in an estimated amount not to exceed \$675,160, with four 12-month extension options in an estimated amount not to exceed \$474,173 for the first extension option, \$733,120 for the second extension option, \$419,209 for the third extension option, and \$177,273 for the fourth extension option; for a total estimated contract amount not to exceed \$2,478,935.

Amount and Source of Funding

Funding in the amount of \$617,660 is available in the Fiscal Year 2011-2012 Capital Budget of Austin Energy. Funding in the amount of \$38,333 is available in the Fiscal Year 2011-2012 Operating Budget of Communications & Technology Management. Funding for the remaining four months of the original contract period and extension options is contingent upon available funding in future budgets.

Fiscal Note

A fiscal note is attached.

Purchasing Language:	Sole Source.
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Prior Council Action:	
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For More Information:	Gage Loots, Buyer II, 512-322-6118
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Boards and Commission Action:	Recommended by the Electric Utility Commission.
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MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9D of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.
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Related Items:	
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Additional Backup Information

This contract is for the purchase of JungleMUX synchronous optical networking (SONET) multiplexer equipment for Austin Energy (AE) and Communications & Technology Management (CTM) on an as-needed basis. A multiplexer (or MUX) is a device that selects several analog or digital input signals and combines these inputs into a single data stream thereby increasing the amount of data that can be sent over the network within a certain amount of time and bandwidth. SONET is a standardized multiplexer protocol that transfers multiple digital bit streams over optical fiber using lasers or highly coherent light from light-emitting diodes.

The JungleMUX equipment composes the SONET communications network that links various locations throughout the City including power plants, substations, and utility control centers. This industrial communications network supports the supervisory control and data acquisition (SCADA) systems used to remotely monitor and control the processes at these locations. These products will be used to replace damaged equipment and to establish additional communications circuits.

Only JungleMUX equipment is compatible with the existing network whether as replacements of failed units or as new installations to expand the current network to new locations.

JungleMUX products are of a proprietary design that is exclusively manufactured and directly sold by GE Multilin U.S. with no authorized distributors. Therefore, GE Multilin U.S. is the sole source provider of these products.