

## CIP BUDGET EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:  
CONTACT DEPARTMENT(S):

8/25/11  
Austin Energy

**SUBJECT:** Authorize award and execution of a 36-month requirements supply contract with BRUGG CABLES, LLC, Rome, GA, for the purchase of optical power ground wire cable for Austin Energy in an estimated amount not to exceed \$753,450, with three 12-month extension options in an estimated amount not to exceed \$251,150 per extension option, for a total estimated contract amount not to exceed \$1,506,900. Funding in the amount of \$251,150 is available in the Fiscal Year 2010-2011 Capital Budget of Austin Energy. Funding for the remaining 35 months of the original contract period and extension options is contingent upon available funding in future budgets.

**CURRENT YEAR IMPACT:**

<b>Department:</b>	<b>Austin Energy</b>
Project Name:	Support Services
Fund/Dept/Unit:	3290-1107-5305
Funding Source:	Current Revenues
Current Appropriation	115,133,388
Unencumbered Balance	15,556,420
Amount of This Action	(251,150)
Estimated Available	<u>15,305,270</u>

**ANALYSIS / ADDITIONAL INFORMATION:** This contract will provide Austin Energy (AE) with three types of optical power ground wire (OPGW) cable on an as-needed basis. OPGW cable contains optical fibers within a tubular structure surrounded by layers of steel and aluminum wire which combines the functions of grounding and communications. The cable is run between the tops of high-voltage electricity pylons and the conductive part of the cable serves to bond adjacent towers; shielding the conductors from lightning strikes. The optical fibers within the cable are used for high-speed transmission of data including voice and video, allowing for a continuous flow of information throughout AE's telecommunications network.