



**CITY OF LODI  
COUNCIL COMMUNICATION**

**AGENDA TITLE:** Approve Specifications and Authorize Advertisement for Bids for Directional Boring, Excavation and Conduit Installation

**MEETING DATE:** December 18, 2013

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** Approve specifications and authorize advertisement for bids for directional boring, excavation and conduit installation.

**BACKGROUND INFORMATION:** The Electric Utility (EU) maintains approximately 123 miles of overhead electric lines and 12 miles of underground cable to provide service to nearly 26,000 customers. As the underground system ages, unforeseen and predictive failures are addressed by replacing and upgrading the underground cables, increasing EU's reliable delivery of electric service.

Past industry practices utilized a trench with direct buried cables without conduit and, in some cases, conduit was installed and consequently crushed or damaged beyond repair.

EU endeavors to utilize the least intrusive and most economically sensible approach to installing conduit for replacement and upgrade of failed or failing underground cables. This approach requires the use of directional boring to minimize disturbances to the community, minimize replacement of sidewalk, gutter or road surfaces while expediting the conduit installation process.

The proposed directional boring, excavation and conduit installation agreement will replace the expiring agreement that has been in place since October 4, 2012. The specifications are on file at the Electric Utility, 1331 South Ham Lane.

**FISCAL IMPACT:** Not to exceed \$500,000.

**FUNDING AVAILABLE:** Included in FY2013/14 Account No. 161075. Funding for Agreement extensions shall be approved on a year-to-year basis.

  
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Elizabeth A. Kirkley  
Electric Utility Director

**PREPARED BY:** Charles J. Berry, Electric Utility Superintendent  
EAK/CJB/lst

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**APPROVED:**   
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Konradt Bartlam, City Manager