# RESOLUTION 2016-8

**Agenda Item**

**TO:** Mayor and City Council
**FROM:** Zachary Johnson, Director of Utilities
**DATE:** March 7, 2016
**RE:** Compact Cable Fault Locator

**Purpose**

The City's electrical cable fault locator is out of date and no longer operational. The unit is used to detect and locate faults in underground wire and cable. The City of Cameron has over 70 miles of underground primary and secondary wire, with more and more being installed each year. Being able to locate these faults will allow for a quicker repair and cut down on the number of outage hours.

**Discussion**

We have currently evaluated several different compact cable fault locators. The Megger Easy Thump was clearly the unit of choice for several reasons. This particular unit is commonly used within our region. Platte-Clay and Farmers Electric currently use this model. This allows for potential sharing of resources, accessories, and knowledge. Other contributing factors are the functionality of the unit and the price as compared to other models considered. Arkansas Electric Cooperatives, Inc. submitted a quote for a new Megger Easy Thump, certificate of calibrations, elbow adaptors, and a digiphone for $26,226.10.

**Recommendation**

Staff recommends the Council pass the Resolution to accept the proposal from Arkansas Electric Cooperatives, Inc. for the Megger Easy Thump and optional accessories. Funds necessary for this purchase have been allocated in the 2016 Budget.

Resolution 2016-8

# A RESOLUTION FOR THE CITY OF CAMERON, CLINTON AND DeKALB COUNTIES, MISSOURI TO ACCEPT A PROPOSAL FOR A COMPACT CABLE FAULT LOCATOR FROM ARKANSAS ELECTRIC COOPERATIVES, INC.

**WHEREAS**, the City of Cameron Electric Department owns and maintains a distribution system for the purpose of delivering electrical power to the residents of Cameron; and

**WHEREAS**, the City has over 8 (eight) miles of underground primary and 63 miles of underground secondary cable; and

**WHEREAS**, the City strives to provide safe and reliable energy to our valued customers with minimal disruptions in service.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and City Council for the City of Cameron, Clinton and DeKalb Counties, Missouri, as follows:

Section 1: The Council does hereby accept the proposal of $26,226.10 for the purchase of a new Megger Easy Thump with elbow adaptors and Digiphone Plus from Arkansas Electric Cooperative, Inc.

Section 2: This Resolution shall become effective upon the date of its adoption.

Section 3: The Mayor is hereby authorized to sign this Resolution on behalf of the City of Cameron.

Section 4: The City Clerk is hereby authorized to attest to the Mayor's signature for all documents evidenced in the Resolution.

**PASSED AND APPROVED** this 7th day of March 2016.

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Mayor Dennis M. Clark

ATTEST:

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City Clerk/Finance Clerk