



# Albuquerque Bernalillo County Water Authority

Albuquerque/Bernalillo  
County  
Government Center  
One Civic Plaza  
Albuquerque, NM 87102

## Legislation Text

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**File #:** C-16-20, **Version:** 1

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### **Authorizing Additional Services from Eaton to Perform Arc Flash & Short Circuit Studies**

The fifth supplemental agreement is to add Short-Circuit, Coordination, and Arc Flash Hazard Analysis Studies for the Water Authority Soils Amendment Facility, Chemical Stations, and Lift Stations located throughout the city.

The supplement will include a study of connected utility substations down to and including all major equipment locations such as panelboards, motor control centers (MCCs), switchboards and switchgears.

NFPA 70E-2012, Article 110.3(F) states that an electrical safety program shall include a hazard identification and risk evaluation procedure to be used before work is started within the limited approach boundary or within the arc flash boundary of energized electrical conductors operating at 50 volts or more or where an electrical hazard exists.

Any location where work may be performed on or near energized electrical conductors and circuit parts is subject to the arc flash standards.

### **FISCAL IMPACT:**

The supplemental agreement with Eaton Corporation will add \$54,902.89 to the current agreement, contract total is \$721,951.59