

# CITY OF HIGH POINT

## AGENDA ITEM



**Title:** Arcadis Arc Flash Renewal Assessment

**From:** Eric Olmedo, Assistant City Manager

**Public Hearing:** N/A

**Attachments:** Contract

**Meeting Date:** June 1, 2020

**Advertising Date:** N/A

**Advertised By:** N/A

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### PURPOSE:

The City is required to have Arc Flash Hazard Assessments performed on electrical panels in city facilities every five years. City Council is requested to award a contract to Arcadis in the amount of \$143,500 to perform this analysis.

### BACKGROUND:

Conducting an Arc Flash Hazard study is crucial to the safe operation and maintenance of electrical power distribution equipment. Arcadis' overall goal will be to update previously assessed potential hazards and re-label the equipment (as necessary) so that personnel will be aware of the incident energy levels at the equipment. With this information available, staff can be fitted with the appropriate personal protective equipment (PPE) to maintain OSHA compliance when servicing the equipment.

The scope of the project generally includes data collection of the existing electrical system at the facilities; analysis and modeling of the data collected using SKM Power Tools for Windows software; and, the delivery and installation of professionally printed arc flash labels. This work is essentially an update of previous modeling and analysis. The facilities where the analysis will be performed include the following: Water Treatment plants, Cemetery, Landfill, Transit Facilities, Mendenhall Transportation Terminal, City Hall, Police, Fire Stations, Parks and Recreation Facilities and the Stadium.

### BUDGET IMPACT:

The total cost is \$143,500. The cost will be split between General Capital Projects (\$143,500), Water and Sewer fund (\$26,000) and the Transit Fund (\$8,000).

### RECOMMENDATION / ACTION REQUESTED:

Staff recommends approval of the contract and ask for City Council to award to Arcadis in the amount of \$143,500.

