



Commission Meeting

Meeting Date: October 3, 2023

Augusta Street Lighting Condition Assessment and Upgrade Need

For Augusta, GA Engineering & Environmental Services Department

File Reference: 23-014 (A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve Authorizing Augusta Engineering & Environmental Services Department Soliciting Qualification Based Proposals for Conducting Audit, Condition Assessment, and Operational Assessment of presently Augusta's owned Street Lighting/Outdoor Lighting Facilities (Overhead Lighting, Fixtures & Associated Items) and Accordingly Developing Potential Energy Saving Upgrades & Operational Program. Requested by Engineering
Background:	The Augusta Streetlighting current system consists of underground and above ground streetlight equipment and materials throughout Richmond County and comprises approximately Augusta's owned 6,000 lights in the public right-of-way. It is an aging lighting system and the Condition Assessment audit of streetlighting fixtures installed at pole locations throughout Richmond County is warranted to ensure safe and cost effective operations. The purpose of the audit is to confirm and update findings from a previous 2015 report and determine new findings for any additional fixtures installed in the interim.
Analysis:	The proposed concept is to develop a program that will provide the Augusta Engineering & Environmental Services Department, Traffic Engineering Division a package of streetlight monitoring, maintenance, and support services 24 hours a day, 7 days a week, 365 days a year for the entire system. Selected proposer will conduct a lighting equipment study to assess the inventory of the city-owned streetlights. The study will assess the number, location, and quality of the City's current outdoor lighting assets. Vendor will offer a centralized lighting management system with network lighting controls and necessary base stations or gateway to monitor the systems performance.
Financial Impact:	Streetlighting Program Enhancement ARPA Funds.
Alternatives:	Not proposed.

Recommendation: Approve Authorizing Augusta Engineering & Environmental Services Department Soliciting Qualification Based Proposals for Conducting Audit, Condition Assessment, and Operational Assessment of presently Augusta's owned Street Lighting/Outdoor Lighting Facilities (Overhead Lighting, Fixtures & Associated Items) and Accordingly Developing Potential Energy Saving Upgrades & Operational Program. Requested by Engineering

Funds are available in the following accounts: 230-041260 Streetlighting Program Enhancement ARPA Funds

REVIEWED AND HM/SR
APPROVED BY: