



Metropolitan Nashville and Davidson County, TN

Legislation Text

File #: RS2023-2322, **Version:** 1

A resolution approving an intergovernmental agreement by and between the Metropolitan Government and the Electric Power Board of the Metropolitan Government of Nashville and Davidson County relating to the installation, maintenance, and operation of streetlights on public rights of way and the conversion of streetlights to use LED fixtures.

WHEREAS, the Electric Power Board of the Metropolitan Government of Nashville and Davidson County (“NES”) operates, maintains, and supplies electric power to streetlights on public rights of way in Davidson County; and,

WHEREAS, pursuant to the terms of the agreement (the “Agreement”) attached as Exhibit 1 to this ordinance, the Metropolitan Government and NES propose that NES will continue to install, operate, maintain and supply electric power to existing and future streetlights on public rights of way; convert approximately 55,000 existing streetlights to use LED fixtures with smart photocells; and install new streetlights using LED fixtures with smart photocells; and,

WHEREAS, conversion of streetlights on public rights of way to use LED fixtures is expected to save the Metropolitan Government approximately \$20,000,000 in energy costs and reduce greenhouse gas emissions by 36,000 metric tons over the ten-year initial term of the Agreement; and,

WHEREAS, use of LED streetlight fixtures with smart photocells will allow real-time identification of streetlight outages and greater control of lighting levels on public rights of way, improving safety for motorists, pedestrians, and other users; and,

WHEREAS, the agreement includes service level requirements relating to streetlight outages and repairs and preventative maintenance expectations to ensure the efficient and effective functioning of the city’s streetlight system; and,

WHEREAS, it is to the benefit of the citizens of The Metropolitan Government of Nashville and Davidson County that this Agreement be approved.

NOW, THEREFORE BE IT RESOLVED BY THE COUNCIL OF THE METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY:

Section 1. That the intergovernmental agreement by and between the Metropolitan Government and the Electric Power Board of the Metropolitan Government of Nashville and Davidson County is hereby approved.

Section 2. That this resolution shall take effect from and after its adoption, the welfare of The Metropolitan Government of Nashville and Davidson County requiring it.

Analysis

This resolution approves an intergovernmental agreement between the Metropolitan Government and the Electric Power Board of the Metropolitan Government (“NES”) relating to the installation, maintenance, and operation of streetlights on public rights-of-way and the conversion of streetlights to use LED fixtures.

Pursuant to the terms of this agreement, NES may purchase all urban services district and general services

district luminaires. During the term of the agreement, NES will furnish, install, erect, and maintain the streetlight facilities owned by NES and supply sufficient energy for the streetlight facilities. NES will finance the installation of new streetlight facilities up to \$250,000 each year.

NES will retrofit all streetlights it owns with LED fixtures pursuant to the terms of this agreement.

The initial term of this contract is 10 years, with two optional renewals of five years each based upon the mutual consent of the parties. Either party may terminate the agreement upon written notice 12 months prior to the expiration of any term.

Fiscal Note: Nashville Department of Transportation will be billed monthly for the operation and maintenance of the streetlight facilities in accordance to the July 2023 Outdoor Lighting Rate-Schedule LS. The monthly bill will include the service charge of \$2.50 each per lighting system, energy charge is \$0.08952/kWh for the summer period, \$0.08621/kWh for the winter period, \$0.08413/kWh for the transition period and one-twelfth of the annual facility charge based on 13% of the installed cost.