



**CONSOLIDATED
COMMISSION ON UTILITIES**

Guam Power Authority • Guam Waterworks Authority
P.O. BOX 2977 • Agana, Guam 96932

Resolution No. 2016-21

**RESOLUTION AUTHORIZING THE GUAM POWER AUTHORITY (GPA) TO
CONTINUE WITH THE CONVERSION AND INSTALLATION OF ENERGY
EFFICIENT LED STREETLIGHTS**

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10 **WHEREAS**, GPA is responsible for the installation and maintenance of streetlights
on GPA power poles along public rights-of-way; and

11 **WHEREAS**, GPA has installed and maintains 16,862 streetlights which provide
12 illumination of the roadways, vehicles, and pedestrians at night and to safeguard and
13 facilitate vehicular and pedestrian traffic; and

14 **WHEREAS**, GPA seeks to become more energy efficient and reduce operating and
15 maintenance costs by upgrading the technology of existing streetlights from high pressure
16 sodium (HPS) to light emitting diode (LED) streetlights; and

17 **WHEREAS**, implementation of an LED Streetlight Replacement program will save
18 on fuel expenses by nearly \$1 million annually and reduce annual maintenance costs by
19 approximately \$400,000; and

20 **WHEREAS**, GPA has an existing indefinite quantity contract with JMI Edison for
21 the supply of 150W and 250W equivalent LED luminaires expiring; and

22 **WHEREAS**, the Consolidated Commission on Utilities (CCU) has authorized the
23 Guam Power Authority to proceed with the conversion and installation of energy efficient
24 LED streetlights for the GPA power system under CCU Resolution No. 2015-05 for FY
25 2015; and

26 **WHEREAS**, GPA has converted to date 2,440 streetlights in FY2016 and 4,886 total
27 HPS to LED conversions; and

28 **WHEREAS**, GPA has previously purchased 400 LED streetlights in FY2016 at a
29 cost of \$92,080 and anticipates requiring another 1,600 LED streetlights for the conversion
30 project by the end of the fiscal year at a materials cost of \$356,000 for a total materials cost
31 of \$448,080; and

32 **WHEREAS**, GPA is seeking continued approval from the Consolidated Commission
33 on Utilities to support the LED Streetlight Replacement program for the change out of all

1 HPS streetlights to LED streetlights over the next 3-year period and to purchase LED
2 luminaires for Fiscal Year 2016 at a cost not to exceed \$500,000.

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4 **NOW, THEREFORE, BE IT RESOLVED**, by the Consolidated Commission on
5 Utilities as follows:

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7 1. GPA's request to continue the implementation of the LED Streetlight
8 Replacement program is reasonable, prudent, and necessary to reduce costs
9 and improve operations and maintenance of the GPA Transmission &
10 Distribution system.

11 2. The General Manager of the Guam Power Authority is authorized to proceed
12 with the LED Streetlight Replacement program and to procure LED
13 luminaires for Fiscal Year 2016 at a cost not to exceed \$500,000 and to fund
14 this program under the General Plant CIP Budget.

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16 **RESOLVED**, that the Chairman of the Commission certifies and the Secretary of the
17 Commission attests the adoption of this Resolution.

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19 **DULY and REGULARLY ADOPTED this 26th day of April 2016.**

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21 Certified by:

Attested By:

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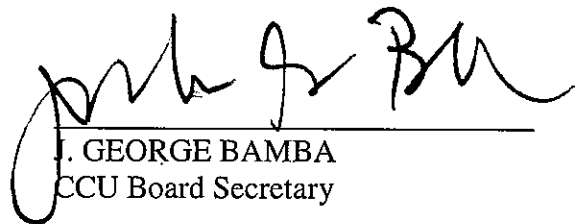
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JOSEPH T. DUENAS
Chairman



J. GEORGE BAMBA
CCU Board Secretary

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SECRETARY'S CERTIFICATE

I, J. George Bamba, Secretary for the Consolidated Commission on Utilities do hereby certify that the foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on April 26, 2016 at which meeting of all said members had due notice and at which at least a majority thereof were present, and

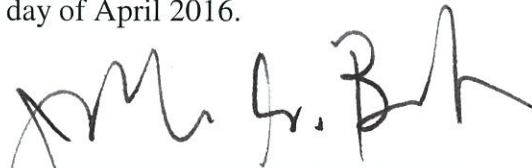
At said meeting said resolution was adopted by the following vote:

Ayes: 5
Nays: 0
Absent: 0
Abstain: 0

As of the date of this certification, said original resolution has not been amended, modified, or rescinded since the date of its adoption, and the same is now in full force and effect.

SO CERTIFIED this 26th day of April 2016.





J. GEORGE BAMBA
Secretary
Consolidated Commission on Utilities