**CIF DEDEDO WAREHOUSE (CIF)** 

RECEIVING SECTION:

**GPA DEDEDO WAREHOUSE** 483A EAST MARINE DRIVE ROUTE 1 DEDEDO, GUAM 96929 PLEASE CALL (671) 635-2073/2074/2077 **PRIOR TO ALL DELIVERIES** 



## **GUAM POWER AUTHORITY**

**PURCHASE ORDER** 

ATURIDAT ILEKTRESEDAT GUAHAN P.O. Box 2977 Hagatna, Guam 96932

THIS PURCHASE ORDER NUMBER

### 34180

MUST APPEAR ON ALL INVOICES. PACKING SLIPS, PACKAGES, B/L, CORRESPONDENCE, ETC.

TELEPHONE: (671) 648-3054/5 FAX: (671) 648-3165

PO DATE 9/16/2025 JOB ORDER NO./OBJ

59100.154100

T & D-Meter/Relay

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**MUNCANGCO** 

BST

Vendor Number: 5170295

N LANDIS+ GYR TECHNOLOGY, INC. D 30000 MILL CREEK AVENUE, SUITE 100

0 ALPHARETTA, GA 30022 R

> TEL: (678) 258-1610 FAX: (678) 258-1686

EMAIL: rodolfo.perez@landisgyr.com Angie.Thoma@landisgyr.com Brian.Pugliese@landisgyr.com AUTHORITY: 3112

**INVITATION NO.:** CONTRACT NO .:

TIME FOR DELIVERY: 40 Weeks After Receipt of Order (ARO) 06/29/2026

COMPLETION: EXPIRATION: **DISCOUNT TERMS:** 

REQUISITION NO:

40007 OR

ľ	NO.	DESCRIPTION / SUPPLIER ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT	
ľ	1.0		6	EA	\$6,689.1200	\$40,134.72	

Network Gateway w/Kit(3 Radio) C7000

GRIDSTREAM RF MESH GATEWAY

Network Gateway with Kit (3 Radio)

P/N: NG0001-03306-0EB0 GPA Index Number: C7000

Shall function with the Gridstream 53700 and 55600 network

- A. EQUIPMENT SPECIFICATIONS:
- A.1 Electrical (General)
- A.2 Input Voltage Range 120 to 240 VAC +/- 20% (96 288 VAC)
- A.3 Current 0.5A-0.25A
- A.4 Battery Holdup Up to 14 hours (depending on configuration)
- B. PROCESSING UNIT:
- B.1 CPU Cortex A5
- B.2 Clock Speed 536 MHz
- B.3 RAM Memory 512 MB DDR2 RAM
- B.4 FLASH Memory 2 GB NAND + 4 GB External
- B.5 Ethernet
- B.6 ETH 0 10/100/1000 Ethernet
- B.7 ETH 1 10/100 Ethernet
- B.8 WIFI

#### C.MECHANICAL:

- C.1 Enclosure Aluminum/IP67
- C.2 Dimensions 10.94" W x 5.31" D x 12.23" H (278mm W x C.3 135mm D x 311mm H)
- C.4 Weight 11.7 lbs (5.307 kg)
- C.5 Operating Temperature Range -40° to 60° C (-40 to 140° F)

Page 1 of 6

INSTRUCTIONS TO VENDOR:

ACKNOWLEDGED BY:

SEND CERTIFIED ORIGINAL AND THREE (3) COPIES OF INVOICE TO GUAM POWER AUTHORITY, PO BOX 2977 HAGATNA, GUAM 98932

TOTAL

SIGNATURE:

<< DO NOT FILL THIS ORDER IF YOUR TOTAL COST **EXCEEDS THIS TOTAL** 

9/19/2025

PAYMENT UPON RECEIPT OF MERCHANDISE IN GUAM IN GOOD CONDITION

Rodolfo Perez

9/20/2025

SIGNATURE OF VENDOR RETURN TO PROCUREMENT DIVISION VIA FACSIMILE AT (671) 648-3165

DATE:

JOHN M. BENAVENTE, P.E., General Manager Date **Delegated Authority** 

**CIF DEDEDO WAREHOUSE (CIF)** 

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# **PURCHASE ORDER**

## **GUAM POWER AUTHORITY**

ATURIDĀT ILEKTRESEDĀT GUĀHAN P.O. Box 2977 Hagatna, Guam 96932

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T & D-Meter/Relay

**MUNCANGCO** 

SST

TELEPHONE: (671) 648-3054/5 FAX: (671) 648-3165

PO DATE

JOB ORDER NO./OBJ

9/16/2025

**UNIT PRICE** 

59100.154100

٧ Vendor Number: 5170295

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N LANDIS+ GYR TECHNOLOGY, INC D 30000 MILL CREEK AVENUE, SUITE 100 0 ALPHARETTA, GA 30022 R

TEL: (678) 258-1610

FAX: (678) 258-1686 EMAIL: rodolfo.perez@landisgyr.com Angie.Thoma@landisgyr.com Brian.Pugliese@landisgyr.com AUTHORITY: 3112

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UNIT

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**DISCOUNT TERMS:** 

**REQUISITION NO:** 40007 OR

QUANTITY

AMOUNT

**DESCRIPTION / SUPPLIER ITEM** 

D.RADIO SPECIFICATIONS:

- D.1 3 Radios per Network Gateway D.2 Support for 5,000 endpoints per radio
- D.3 Radio (General)
- D.4 Radio Model Model: NIC AM
- D.5 Communication Protocol (PHY) IEEE 802.15.4g SUN FSK PHY
- D.6 RF Frequency Range
- D.7 North America: 902-928 MHz
- D.8 Channel Spacing
- D.9 N2400 (RF Mesh): 100, 300 KHz
- D.10 RF Data Rate
- D.11 N2400 (RF Mesh): 9.6, 19.2, 38.4, 115.2 Kbps
- D.12 Gateway Radio Processing Unit
- D.13 CPU Dual-core Cortex M4
- D.14 Clock Speed 120 MHz
- D.15 RAM Memory 304 Kbytes
- D.16 FLASH Memory 2 MB + 4 MB External
- D.17 ROM Memory 8 Kbytes
- D.18 Receiver
- D.19 RF Mesh IP:
- D.20 Sensitivity (at 90% packet success rate, conducted, typical)
  - -107 dBm (50 Kbps)
  - -100 dBm (150 Kbps)
  - -98 dBm (200 Kbps)
- D.21 Adjacent Channel Rejection 30 dB Typical
- D.22 Alternate Channel Rejection 35 dB Typical
- D.23 RF Mesh:

Sensitivity (at 90% packet success rate, conducted, typical)

- -113 dBm (9.6 Kbps)
- -110 dBm (19.2 Kbps)
- -107 dBm (38.4 Kbps)
- -101 dBm (115.2Kbps)

Page 2 of 6

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SIGNATURE OF VENDOR RETURN TO PROCUREMENT DIVISION VIA FACSIMILE AT (671) 648-3165

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# **PURCHASE ORDER**

## **GUAM POWER AUTHORITY**

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NUMBER

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JOB ORDER NO./OBJ

PO DATE 9/16/2025

**UNIT PRICE** 

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T & D-Meter/Relay

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MUNCANGCO

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TELEPHONE: (671) 648-3054/5 FAX: (671) 648-3165

Vendor Number: 5170295

D LANDIS+ GYR TECHNOLOGY, INC 30000 MILL CREEK AVENUE, SUITE 100

ALPHARETTA, GA 30022

TEL: (678) 258-1610 FAX: (678) 258-1686

EMAIL: rodolfo.perez@landisgyr.com Angie.Thoma@landisgyr.com Brian.Pugliese@landisgyr.com AUTHORITY: 3112

INVITATION NO.: CONTRACT NO.:

TIME FOR DELIVERY: 40 Weeks After Receipt of Order (ARO) 06/29/2026

UNIT

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**DISCOUNT TERMS:** 

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40007 OR

QUANTITY

AMOUNT

DESCRIPTION / SUPPLIER ITEM

D.24 Adjacent Channel Rejection 30 dB D.25 Alternate Channel Rejection 35 dB

D.26 Transmitter

D.27 Output Power (at Antenna Connector) 50 mW to 820mW

D.28 Modulation Type 2FSK

D.29 Out-of-band Spurious Emissions <-50 dBc

D.30 Antenna Requirements

D.31 Type Vertically-oriented whip

D.32 Peak Gain <5.5 dBi

D.33 Whip, Skywave MMG-11, Rev B 5.5 dBi gain, 902-928 MHz, 50 ohms

D.34 Type Vertically-Oriented Dipole

D.35 Peak Gain <5.5 dBi

D.36 Dipole, Laird FG9023 5.5 dBi gain, 902-928 MHz, 50 ohms

D.37 Type Vertically-Oriented Monopole

D.38 Peak Gain 2 dBi

D.39 Monopole, Skywave 11-1106E 2 dBi gain, 902-928 MHz, 50 ohms

### E.REQUIREMENTS:

E.1 Installation Kit with Power Cable

E.2 Shall function with GPA's current grid stream network

E.3 Equipment warranty 60 months from date of shipment

Marking Requirements:

Stencil 1" GPA Index No./P.O. No./QTY. per Box and/or Unit

Page 3 of 6

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PAYMENT UPON RECEIPT OF MERCHANDISE IN GUAM IN GOOD CONDITION

Radolfo Perez

9/20/2025 DATE:

ACKNOWLEDGED BY: DATE: D

SIGNATURE:

9/19/2025

JOHN M. BENAVENTE, P.E., General Manager Date Delegated Authority

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ATURIDAT ILEKTRESEDAT GUAHAN P.O. Box 2977 Hagatna, Guam 96932

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TELEPHONE: (671) 648-3054/5 FAX: (671) 648-3165

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9/16/2025

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T & D-Meter/Relay

MUNCANGCO

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LANDIS+ GYR TECHNOLOGY, INC 30000 MILL CREEK AVENUE, SUITE 100

0 R

> TEL: (678) 258-1610 FAX: (678) 258-1686

ALPHARETTA, GA 30022

EMAIL: rodolfo.perez@landisgyr.com Angie.Thoma@landisgyr.com Brian.Pugliese@landisgyr.com AUTHORITY:

INVITATION NO.:

CONTRACT NO .:

TIME FOR DELIVERY: 40 Weeks After Receipt of Order (ARO) 06/29/2026

UNIT

COMPLETION: **EXPIRATION:** 

**DISCOUNT TERMS:** 

REQUISITION NO:

40007 OR

QUANTITY

3112

**UNIT PRICE** 

**AMOUNT** 

NO. **DESCRIPTION / SUPPLIER ITEM** 

Mfr.: Landis+ Gyr Brand Name: Girdstream Plance of ORigin: USA Export Abroad: Yes

RESTRICTION AGAINST SEX OFFENDERS: 5 GCA Section 5253, enacted by P.L 28-24 and amended by P.L. 28-98:

The service provider warrants that no person in its employment who has been convicted of a sex offense under the provisions of Chapter 25 of Title 9 of the Guam Code Annotated, or of an offense defined in Article 2 of Chapter 28 of Title 9 of the Guam Code Annotated, or who has been convicted of an offense with the same elements as heretofore defined in any other jurisdiction, or who is listed on the Sex Offender Registry shall provide services on behalf of the service provider while on government of Guam property, with the exception of public highways. If any employee of the service provider is providing services on government property and is convicted subsequent to an award of a contract, then the service provider warrants that it will notify the Government of the conviction within twenty-four (24) hours of the conviction, and will remove immediately such convicted person from providing services on government property. If the service provider is found to be in violation of any of the provisions of this paragraph, then the Government will give notice to the service provider to

Page 4 of 6

INSTRUCTIONS TO VENDOR:

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PAYMENT UPON RECEIPT OF MERCHANDISE IN GUAM IN GOOD CONDITION

Radolfo Perez

9/20/2025 DATE:

SIGNATURE OF VENDOR RETURN TO PROCUREMENT DIVISION VIA FACSIMILE AT (671) 648-3165 SIGNATURE:

9/19/2025

JOHN M. BENAVENTE, P.E., General Manager Date **Delegated Authority** 

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O 30000 MILL CREEK AVENI R ALPHARETTA, GA 30022

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TIME FOR DELIVERY: 40 Weeks After Receipt of Order (ARO) 06/29/2026

COMPLETION: EXPIRATION: DISCOUNT TERMS:

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QUANTITY

UNIT PRICE

UNIT

AMOUNT

DESCRIPTION / SUPPLIER ITEM

take corrective action. The service provider shall take corrective action within twenty-four (24) hours of notice from the Government, and the service provider shall notify the Government when action has been taken. If the service provider fails to take corrective steps within twenty-four (24) hours of notice from the Government, then the Government in its sole discretion may suspend temporarily any contract for services until corrective action has been taken.

#### NOTE TO VENDOR:

- 1. Delivery is no later than the date indicate above.
- All late deliveries and acceptance are subject to the Liquidated Damages Clause in Section 6-101.09.01 of the Guam Procurement Regulations.
- All Requests for Delivery Extensions will be closely scrutinized as all items/services are crucial to new customer installation, maintenance, and on-going projects.
- 4. NOTE: Not withstanding the fact that this contract was written by one (1) party, it will be construed that it was written by two (2) parties.

Page 5 of 6

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9/20/2025 DATE:

SIGNATURE OF VENDOR

RETURN TO PROCUREMENT DIVISION VIA FACSIMILE AT (671) 648-3165

SIGNATURE:

9/19/2025

JOHN M. BENAVENTE, P.E., General Manager Date Delegated Authority

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DISCOUNT TERMS:

REQUISITION NO:

40007 OR

NO.

**DESCRIPTION / SUPPLIER ITEM** 

QUANTITY UNIT UNIT PRICE

**AMOUNT** 

PAYMENT TERMS:

NET THIRTY (30) DAYS after receipt of ORIGINAL invoice for goods received and/or services rendered.

REVIEWED BY:

9/19/2025

JAMIE LYNN C. PANGELINAN

Date h Supply Management Administrator

INSTRUCTIONS TO VENDOR:

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Radolfa Perez

9/20/2025 DATE:

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Page 6 of 6 \$40,134,72

**TOTAL**