



GUAM POWER AUTHORITY

ATURIDÂT ILEKTRESEDÂT GUÅHAN
P.O.BOX 2977 • HAGÂTÑA, GUAM U.S.A. 96932-2977

May 13, 2025

AMENDMENT NO.: III
TO
INVITATION FOR BID NO.: GPA-044-25
FOR
DATA TRANSPORT AIR FIBER

Prospective Bidders are hereby notified of the following inclusions, changes and responses to inquiries received from Bidder No.: 2 dated April 25, 2025, April 28, 2025 and May 1, 2025.
Amended response to Question No. 4 of Bidder No.2 dated April 22, 2025:

INCLUSION:

- * 1. Under INVITATION FOR BID, DESCRIPTION, Line Item No. **1.A SITES**, to include number format for the list of Site Names.
- * 2. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, to include the following:

A.8 All equipment shall have Uninterrupted Power Supply (UPS) and/or the ability to utilize 48VDC or 130VDC Power.

CHANGES:

- * 1. Bid Opening date is changed **FROM** 10:00 A.M., Tuesday, May 13, 2025 (CHamoru Standard Time) **TO NOW READ** 9:00 A.M., Tuesday, May 20, 2025 (CHamoru Standard Time).
- * 2. **REMOVE** Page 3a of 33 and **REPLACE** with Page 3b of 33 (see attached):

Under **INVITATION FOR BID, INSTRUCTION TO BIDDERS**, Paragraph one has changed

FROM:

This bid shall be submitted in one (1) original, two (2) copies and sealed to the issuing office above no later than **(Time) 10:00 A.M., (Guam CHamoru Standard Time; ChST), Date: May 13, 2025** and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

TO NOW READ:

- * This bid shall be submitted in one (1) original, two (2) copies and sealed to the issuing office above no later than **(Time) 9:00 A.M., (Guam CHamoru Standard Time; ChST), Date: May 20, 2025** and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

3. **REMOVE** Page 4 and 5 of 33 and **REPLACE** with 4a and 5a of 33 (see attached):

- a. Under INVITATION FOR BID, DESCRIPTION, Line Item No. **1.B** 1st. sentence is changed:

FROM:

Must have the option to add or terminate a location service on an as needed basis, with a month notice.

TO NOW READ:

- * Shall have the option to add or terminate a location service on an as needed basis, with a month notice.

- b. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, item **A.1** is changed:

FROM:

To provide two (2) ports per location, Layer 2 data transport with minimum of 100Mbps point to point communications from GPA's Data Center in Mangilao to various Substations listed above.

TO NOW READ:

- * To provide two (2) ports per location, Layer 2 data transport with minimum of 100Mbps point to point communications from GPA's Data Center in Mangilao to various Substations listed above. One Port for SCADA network and one port for VOIP network.

- c. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, item **A.2** is changed:

FROM:

Must provide 24/7 emergency response for communication outages.

TO NOW READ:

- * Shall provide 24/7 emergency response for communication outages.

- d. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, item **A.4** is changed:

FROM:

Must have spare equipment on hand for emergency replacement.

TO NOW READ:

- * Shall have ten percent (10%) equipment inventory on hand for emergency replacement.

- e. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, item **A.5** is changed:

FROM:

Must ensure ability to provide a minimum of 100Mbps Air Fiber services for all locations.

TO NOW READ:

- * Shall ensure ability to provide a minimum of 100Mbps Air Fiber services for all locations.

- f. Under INVITATION FOR BID, DESCRIPTION, Section **A. SCOPE OF WORK**, item **A.6** is changed:

FROM:

Due to the urgency of this requirement, delivery of services to all locations shall be completed within 30 days upon awarding of contract during normal working hours Monday through Friday 8:00 am to 4:00 pm.

TO NOW READ:

- * Due to the urgency of this requirement, delivery of services to all locations shall be completed within 30 days upon awarding of contract during normal working hours Monday through Friday 8:00 am to 4:00 pm., not including weekends and holidays. Neither party shall be liable for any delay in meeting or failure to meet its obligations under this Contract due to a force majeure.

Bidder No.: 2 dated 04/25/2025:

QUESTION:

1. Kindly confirm whether underground copper facilities will be considered acceptable in the event that Air Fiber is unavailable in the requested area.

ANSWER:

We currently have our services for our SCADA network and AUL Hotline on copper facilities and have been experiencing frequent and prolonged outages which is the reason for us needing a more reliable solution. We are also transitioning our hotline telephone system to a IP hotline system.

QUESTION:

2. Please confirm whether vendors are permitted to propose alternative solutions in addition to Air Fiber, such as Metro Ethernet Point-to-Point.

ANSWER:

You may propose alternate solutions as long as you provide a system diagram of how data transport would be routed. This would also have to be approved by our IT Department who manages the network security.

QUESTION:

3. Please advise if Fixed Wireless (BEC), is an acceptable alternative should Air Fiber not be available in the requested area.

ANSWER:

We have performed research and found that Air Fiber is our preferred solution as it is least costly and is reliable for a Power Utility facility and is not susceptible to electrical current.

QUESTION:

4. Could you please confirm whether a bandwidth of 100 Mbps is required at all 16 locations?

ANSWER:

Yes 100 Mbps is required for all sites in order to provide Data Transport for SCADA network and IP Hotline telephone system.

QUESTION:

5. Kindly advise on the required upload speed corresponding to the 100 Mbps service.

ANSWER:

We require 100 Mbps data transport for SCADA network and IP Hotline telephone system.

QUESTION:

6. Please advise whether any technical write-ups or company capability documents are required as part of this IFB submission, or if the vendor may simply respond to the SOW or IFB with an acknowledgment of agreement to all requirements.

ANSWER:

If they can acknowledge agreement to all requirements by indicating comply on respective sections, that would be sufficient.

Bidder No.: 2 dated 04/25/2025:

QUESTION:

1. Is the intention for the PTP connection to cover only the last mile—from GPA's site to the nearest carrier interconnect point—with the expectation that a separate carrier will then provide fiber/MPLS transport from that point to the destination (e.g., Fidian)? Or is the service provider expected to deliver end-to-end Layer 2 transport all the way from GPA's location to the final endpoint?

ANSWER:

The requirement is to provide point to point/ end to end L2 data transport from GPA's Data Center to 16 Substation sites.

QUESTION:

2. Is there a specific technology or vendor GPA is referring to when requesting "Air Fiber"? For example, is fixed wireless preferred, or are fiber-based or microwave PTP links also acceptable if they meet the 100Mbps Layer 2 requirement?

ANSWER:

We determined in our research that Air fiber is the preferred solution for Data Transport due to its reliability, efficiency and it is not affected by electrical current.

QUESTION:

3. There is no mention of Fidian in the IFB. Can GPA clarify if there is any expected interconnection or handoff to Fidian.

ANSWER:

In the Scope of Work A.1 of the IFB it does state Point to point communications from GPA Data Center in Mangilao to various substations.

QUESTION:

4. Does GPA require any redundancy or failover capabilities for the PTP links to each substation, or is a single active path acceptable per location?

ANSWER:

We require a single reliable Air fiber solution per location.

QUESTION:

5. Will GPA coordinate access to the substations for equipment installation and maintenance, or will bidders be responsible for obtaining clearance so that services can be delivered within the 30 days?

ANSWER:

We will coordinate access for installation of equipment.

QUESTION:

6. Referencing Section A.4, does GPA have specific expectations for the type and quantity of spare equipment providers should have on hand for emergency replacement?

ANSWER:

Refer to No. 3 d. of **CHANGES** above.

QUESTION:

7. What are the penalties, if any, if the provider fails to deliver service to all locations within the 30-day requirement specified in Section A.6?

ANSWER:

Liquidated damages will be assessed in the amount of one-fourth of one percent (1%) of outstanding order per calendar day.

QUESTION:

8. Is there a required SLA (Service Level Agreement) or uptime percentage GPA expects bidders to maintain across all locations?

ANSWER:

Yes, we expect outages to be no more than 2-hours across all locations.

QUESTION:

9. In the event that no single vendor is able to provide service to all required sites—due to technical limitations such as line-of-sight restrictions—will GPA consider awarding the contract to multiple providers, or is the intent to award strictly to one vendor capable of servicing all locations listed?

ANSWER:

Using multiple vendors can lead to higher costs, longer procurement time, more potential data breach points, and difficulties in integration. A single-vendor technology strategy minimizes these challenges and provides a streamlined, cost-effective, and secure solution. Other benefits include real-time data management and integration, a unified integrated system, reduced learning curve, cost savings, reduced technological difficulties, and optimized deployment.

QUESTION:

10. Please refer to page 4, Contract Terms specify a one-year agreement with an option to extend for three additional one-year periods, all subject to mutual agreement and funding availability.

ANSWER:

Yes, initial service for one year which can be renewed annually for three additional one-year options.

QUESTION:

11. Please refer to Page 5 Section 1.B allows for the addition or termination of a site on an as-needed basis with a one-month notice. Can GPA please confirm how the flexibility to terminate site-specific services aligns with the fixed 12-month contract term? Specifically, if a site is terminated with one month's notice, how is that handled contractually and financially within the one-year term agreement?

ANSWER:

GPA is expanding its fiber cable communication system. In cases where we are able to get our fiber to those locations we would like the ability to terminate services with one-month notice. We are also building new substations and would like the ability to add services where we do not have our fiber cable installed.

QUESTION:

12. With reference to Amendment 1, response to Question 6: Kindly advise if GPA can provide a network diagram illustrating data delivery for both the SCADA Network and the IP Phone Network.

ANSWER:

Yes, we will provide diagram upon request.

Bidder No.: 2 dated April 28, 2025:

QUESTION:

1. Please advise for the services requested, is GPA limiting the design to a point-to-point connection, such as a Layer 2 bridge between Fadian and a remote site, or is GPA open to a point-to-multipoint setup, hub-and-spoke architecture, MPLS L3VPN, or an IPsec VPN Layer 3 overlay?

ANSWER:

In order to keep our network, secure we have determined that a L2 Point-to-Point from our Data center to each substation is required.

QUESTION:

2. Kindly confirm for GPA’s current SCADA setup over copper, is GPA planning to decommission the existing services on copper and transition them to Air Fiber?

ANSWER:

The current copper connection is failing and is unreliable. Not having the ability to view what is happening at our substations and not being able to remotely operate devices could be detrimental to our operations and is unacceptable.

Bidder No.: 2 dated May 1, 2025:

QUESTION:

1. Kindly confirm if we need to indicate the name of the Offeror and the Proposer below:

Page 13 of 33 - No Gratuities or Kickbacks Affidavit

Docusign Envelope ID: 21A6A210-C972-450E-ADD1-BE68533581F0

Page 13 of 33

NO GRATUITIES OR KICKBACKS AFFIDAVIT

AFFIDAVIT
(Offeror)

TERRITORY OF GUAM)
HAGATNA, GUAM)

SS:

Page 14 of 33 - Ethical Standards Affidavit

Docusign Envelope ID: 21A6A210-C972-450E-ADD1-BE68533581F0

Page 14 of 33

ETHICAL STANDARDS AFFIDAVIT

AFFIDAVIT
(Proposer)

TERRITORY OF GUAM)
HAGATNA, GUAM)

SS:

ANSWER:

Yes.

Bidder No.: 2 dated April 22, 2025:

QUESTION:

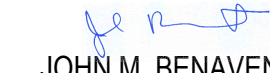

3. The requirements to complete the installation within 30 days and an "all or none" bid requirement are not reasonable given the following:
- a. the timelines required for ordering and arrival of any and all equipment to provision the services specified would require 30-45 days,
 - b. site preparations needed to install the service will take 30 to 60 days (site surveys will determine this),
 - c. acceptance testing of all the services for all locations will take 30 days.

Bidder No.: 4 recommends a delivery requirement of 120 days for all sites or a staggered delivery schedule requiring 25% of sites after 60 days, 50% of sites after 90 days, and 100% of sites after 120 days.

ANSWER:

When we conducted our research we found that the following Telecommunications Companies advertise Air Fiber as a service. Docomo Pacific, GTA and IT&E. The requirement for 30 days is due to the urgency of getting reliable communications to replace the current copper system which is failing.

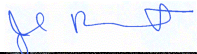
All other Terms and Conditions in the bid package shall remain unchanged and in full force.



JOHN M. BENAVENTE, P.E.
General Manager 

INVITATION FOR BID

ISSUING OFFICE:
Guam Power Authority-Procurement Office
1st. Floor, Room 101
Gloria B. Nelson Public Service Building
688 Route 15
Mangilao, Guam 96913

Attn: JOHN M. BENAVENTE, P.E.
General Manager
c/o JAMIE LYNN C. PANGELINAN
Supply Management Administrator



JOHN M. BENAVENTE, P.E. DATE
General Manager 

_____ _____ 04/15/2025		
DATE ISSUED:	04/22/2025	BID INVITATION NO.: GPA-044-25
BID FOR:	DATA TRANSPORT AIR FIBER	
SPECIFICATION:	SEE ATTACHED	
DESTINATION:	SEE ATTACHED	
REQUIRED DELIVERY TIME:	SEE ATTACHED	
CUT-OFF DATE FOR RECEIPT OF QUESTIONS:	5:00 P.M., Tuesday, May 6, 2025	

INSTRUCTIONS TO BIDDERS:
INDICATE WHETHER: _____ INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION

INCORPORATED IN: _____

* This bid shall be submitted in one (1) original, two (2) copies and sealed to the issuing office above no later than (Time) May 20, 2025, (Guam CHamoru Standard Time; ChST), Date: 9:00 A.M. and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective items listed on the schedule provided, unless otherwise specified by the bidder. In consideration to the expense of the Government in opening, tabulating, and evaluating this and other bids, and other considerations, the undersigned agrees that this bid remain firm and irrevocable within one hundred twenty (120) calendar days from the date opening to supply any or all of the items which prices are quoted.

NAME AND ADDRESS OF BIDDER:	SIGNATURE AND TITLE OF PERSON AUTHORIZED TO SIGN THIS BID:
_____	_____
_____	_____
_____	_____

AWARD: CONTRACT NO.: _____ AMOUNT: _____ DATE: _____

ITEM NO(S). AWARDED: _____

CONTRACTING OFFICER:

JOHN M. BENAVENTE, P.E. DATE
General Manager

NAME AND ADDRESS OF CONTRACTOR:	SIGNATURE AND TITLE OF PERSON
_____	_____
_____	_____
_____	_____

INVITATION FOR NO.: GPA-044-25
Requisition No.: 39824

NO.	DESCRIPTION	U/I	MONTHLY:	ANNUALLY:																																																																				
1.0	<p>The Guam Power Authority Power System Control Center is seeking services to upgrade its current communications technology. We are seeking services to provide Air Fiber data transport communications to the sites listed below of Sections 1.A and 1.B.</p> <p>Monthly costs shall be inclusive of all costs associated with services to include installation, 24/7 emergency response, and any other charges or fees.</p>	L																																																																						
1.A	<p>SITES:</p> <table><thead><tr><th>Site Name</th><th>Location</th><th></th><th></th></tr></thead><tbody><tr><td>* 1.A.1 Radio Barrigada Substation</td><td>13.4722, 144.82049</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.2 Barrigada Substation</td><td>13.46608, 144.80088</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.3 Agana Substation</td><td>13.47309, 144.76528</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.4 Anigua Substation</td><td>13.47628, 144.73618</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.5 Pulantat Substation</td><td>13.41413, 144.75279</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.6 MDI Pulantat Power Plant</td><td>13.41443, 144.75352</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.7 Talofofo Substation</td><td>13.35315, 144.75219</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.8 Apra Substation</td><td>13.39809, 144.68745</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.9 Tenjo Substation</td><td>13.41699, 144.6866</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.10 Piti HMI</td><td>13.46204, 144.6902</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.11 Cabras 1&2</td><td>13.46482, 144.6859</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.12 MET Tower</td><td>13.46411, 144.68693</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.13 Piti 7/ Temes</td><td>13.46296, 144.68917</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.14 NBG Cold Storage 5972</td><td>13.42329, 144.67362</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>1.A.15 NBG Orote 306</td><td>13.42281, 144.66093</td><td>\$ _____</td><td>\$ _____</td></tr><tr><td>* 1.A.16 Umatac Substation</td><td>13.2924, 144.66753</td><td>\$ _____</td><td>\$ _____</td></tr></tbody></table>	Site Name	Location			* 1.A.1 Radio Barrigada Substation	13.4722, 144.82049	\$ _____	\$ _____	1.A.2 Barrigada Substation	13.46608, 144.80088	\$ _____	\$ _____	1.A.3 Agana Substation	13.47309, 144.76528	\$ _____	\$ _____	1.A.4 Anigua Substation	13.47628, 144.73618	\$ _____	\$ _____	1.A.5 Pulantat Substation	13.41413, 144.75279	\$ _____	\$ _____	1.A.6 MDI Pulantat Power Plant	13.41443, 144.75352	\$ _____	\$ _____	1.A.7 Talofofo Substation	13.35315, 144.75219	\$ _____	\$ _____	1.A.8 Apra Substation	13.39809, 144.68745	\$ _____	\$ _____	1.A.9 Tenjo Substation	13.41699, 144.6866	\$ _____	\$ _____	1.A.10 Piti HMI	13.46204, 144.6902	\$ _____	\$ _____	1.A.11 Cabras 1&2	13.46482, 144.6859	\$ _____	\$ _____	1.A.12 MET Tower	13.46411, 144.68693	\$ _____	\$ _____	1.A.13 Piti 7/ Temes	13.46296, 144.68917	\$ _____	\$ _____	1.A.14 NBG Cold Storage 5972	13.42329, 144.67362	\$ _____	\$ _____	1.A.15 NBG Orote 306	13.42281, 144.66093	\$ _____	\$ _____	* 1.A.16 Umatac Substation	13.2924, 144.66753	\$ _____	\$ _____			
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INVITATION FOR NO.: GPA-044-25
Requisition No.: 39824


NO.	DESCRIPTION	U/I	MONTHLY:	ANNUALLY:
			<div>COMPLY:</div>	<div>NOT COMPLY:</div>
			Comply must be identified below. All deviation must be identified below.	
* A.6	Due to the urgency of this requirement, delivery of services to all locations shall be completed within 30 days upon awarding of contract during normal working hours Monday through Friday 8:00 am to 4:00 pm., not including weekends and holidays. Neither party shall be liable for any delay in meeting or failure to meet its obligations under this Contract due to a force majeure.			
A.7	For the purpose of standardizing, award shall be based on an "All or None" bid to one service provider.			
* A.8	All equipment shall have Uninterrupted Power Supply (UPS) and/or the ability to utilize 48VDC or 130VDC Power.			

NOTE:
Bidders must state either "Comply" or "Not Comply" against each specification on the bid document.

CONTRACT TERMS:
GPA and the CONTRACTOR agree the CONTRACT will be effective upon receipt of purchase order for a one (1) year period (12 months) from the date of award of the contract with an option to extend the contract for three (3) additional one (1) year periods, subject to the availability of funds and by mutual written agreement, be renewed at the same terms and conditions for additional periods subject to availability of funding.

NOTE:
Notwithstanding the fact that this contract was written by one (1) party, it will be construed that it was written by two (2) parties.

Specifications Generated by:




5/12/2025

VIRGIL SANA
Communication/Electronic Technician Supervisor
Power Systems Control Center (PSCC)

Date

Specifications Reviewed/Concurred by:




5/12/2025

FRANCISCO C. SANTOS
Power Systems Control Center (PSCC) Manager

Date

Specifications Approved by:



5/12/2025

JENNIFER G. SABLAN, P.E.
Assistant General Manager of Operations

Date