



GUAM POWER AUTHORITY

ATURIDÅT ILEKTRESEDÅT GUÅHAN
P.O.BOX 2977 • HAGÅTÑA, GUAM U.S.A. 96932-2977

October 9, 2025

AMENDMENT NO.: V

TO

INVITATION TO BID NO.: GPA-069-25

FOR

PREDICTIVE BASED MAINTENANCE TO IDENTIFY ANOMALIES ON OVERHEAD POWERLINE AND SUBSTATION COMPONENTS

Prospective Bidders are hereby notified of the following change and response to an inquiry received from Proponent No.: 2 dated September 19, 2025:

CHANGE:

REMOVE Page 99a of 110 and *REPLACE with* Pages 99b, 99b.1, 99b.2, 99b.3 and 99b.4 of 110 (see attached)

Under Project Site Information is changed

FROM:

SUBSTATION Listing (all have 35kV)

TO NOW READ:

SUBSTATION Listing

RESPONSE:

Bidder No. 2 inquiry dated 09/19/2025:

QUESTION:

1. Please provide a detailed scope for the substation inspections. It became apparent, when we visited the 4 sample substations, that each substation inspection would have different inspection requirements. Those details need to be laid out in order to clearly define the

deliverable for each substation. Defining the equipment and access at each substation would help determine the inspections that can be accomplished.

Substation Information requested. Per substation.

Outdoor

- Transformers, quantity & voltage
- Circuit Breakers, quantity & voltage
- Other connections, quantity & voltage
- Outdoor scope (not sure what would apply)
 - o Radio Frequency, Ultrasonic
 - o Corona
 - o Infrared

Indoor

- Transformers, quantity & voltage
- Circuit Breakers, cubicles, quantity & voltage
 - o IR viewing ports available
- Other cubicles & connections, quantity & voltage
- Indoor scope (not sure what would apply)
 - o Radio Frequency, Ultrasonic
 - o Corona
 - o Infrared

ANSWER:

Refer to *CHANGE* above for revised Substation Listing that tabulates details per above statement. Additionally, GPA has One-Line diagrams that will be made available to the awarded bidder. The information from the One-Lines has been reflected on the Substation Listing.

- Outdoor

Using all manner of remote sensing, as itemized above, contractor will provide assessments as to the conditions of components and suggestions for action to remedy.

- Indoor

Using all manner of remote sensing, as itemized above, contractor will provide assessments as to the conditions of components and suggestions for action to remedy, except that some cubicle panel covers may not be accessed due to safety precautions.

QUESTION:

2. I have some concern about safety for the inspection of inside switchgear. Will GPA address the PPE requirements for the contractors and GPA personnel? I believe this may be needed if the deadfronts will be removed for the inspection process. To be clear, I'm not a safety expert, I just want to have this issue considered.

ANSWER:

GPA will limit the scope of this contract to not have hazardous electrical panels opened up for inspection if safety cannot be assured with specific measures such as requisite distance/spacing or additional protective equipment.

All contractors shall be escorted by GPA T&D personnel and basically shall follow all safety instructions and directions as given, i.e. contractors shall be directed to reside within safe areas and away from hazards.

GPA personnel will be adorned with typical PPE commensurate with their job responsibilities and as such may use PPE that are different that what's typical.

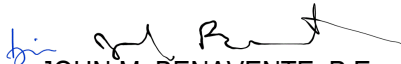
Contractor's typical PPEs would be warranted:

- Steel-Toe Safety Shoes
- Long-Sleeved Shirts
- Safety Glasses/Goggles
- Hi-Vis vests

PPEs and practices warranted for Electrical environment:

- Class E Hard Hats
- Observe safe distances
- Avoid hazard areas and surfaces

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


JOHN M. BENAVENTE, P.E.
 General Manager 

SUBSTATION Listing

#	Substation * Base access restrictions	Latitude	Longitude	Feeders N/A – Not Applicable or Non-GPA Feeders
1	Agana Sub	13.47308	144.76529	P-026, P-250, P-251, P-252, P-253
	Indoor:	Switchgears: Qty 12 cubicles, 15kV, Front bolt secured, Rear bolt secured, No viewports Other Switchgears: Qty 5 cubicles, 115kV, Front bolt secured, Rear Handles, No viewports		
	Yard:	Transformers: Qty 4, 112 MVA(115kV/35kV), 2 x 30 MVA(115kV/35kV), 20 MVA(35kV/ Δ -Y) Breakers: Qty 19, 5 x 115kV, 14 x 35kV Manual Switch: Qty 11, 5 x 115kV, 4 x 35kV, 1 x 15kV		
2	Andersen Sub*	13.56472	144.91960	N/A
	Indoor:	Switchgears: Qty 10 cubicles, 15kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 2 x 30/40 MVA(35kV/ Δ -Y)		
3	Anigua Sub	13.47626	144.73607	P-280, P-281, P-282, P-283
	Indoor:	Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV) Breakers: Qty 4, 4 x 35kV Manual Switch: Qty 4, 2 x 35kV, 2 x 15kV		
4	Apra Heights Sub	13.39810	144.68748	P-220, P-221, P-222, P-223
	Indoor:	Switchgears: Qty 10 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 12 cubicles, 15kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 1, 12.5 MVA(35kV/15kV) Breakers: Qty 5, 5 x 35kV Manual Switch: Qty 1, 1 x 35kV		
5	Barrigada Sub	13.46606	144.80091	P-210, P-211, P-212, P-213
	Indoor:	Switchgears: Qty 6 cubicles, 15kV, Front bolt secured, Rear Handles, No viewports Other Switchgears: Qty 3 cubicles, 15kV, Front bolt secured, Rear Handles, No viewports		
	Yard:	Transformers: Qty 1, 22.4 MVA(35kV/15kV) Breakers: Qty 3, 3 x 35kV Manual Switch: Qty 1, 1 x 35kV		
6	Cold Storage Sub*	13.42317	144.67352	N/A
	Indoor:	Switchgears: Qty 9 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 1 x 14 MVA(35kV/ Δ -Y)		

PS-2

PROJECT SITE INFORMATION

Guam Power Authority

Predictive Based Maintenance to Identify Anomalies
on Overhead Powerline and Substation Components

#	Substation * Base access restrictions	Latitude	Longitude	Feeders N/A – Not Applicable or Non-GPA Feeders
7	Dandan Sub	13.30541	144.74997	N/A
	Indoor:	Other Switchgears: Qty 9 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 225 kVA(35kV/120-208V) Manual Switch: Qty 2, 2 x 35kV		
8	Dededo Sub	13.51544	144.85262	P-086, P-087, P-088, P-089
	Indoor:	Transformers: Qty 1, 1 x 30 MVA(35kV/15kV) Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 8 cubicles, 35kV/15kV, Front Handles, bolt secured, No viewports Manual Switch: Qty 3, 2 x 35kV, 1 x 15kV		
9	GAA Sub	13.49594	144.81254	P-310, P-311, P-312, P-313
	Indoor:	Switchgears: Qty 8 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV) Breakers: Qty 5, 5 x 35kV Manual Switch: Qty 2, 1 x 35kV, 1 x 15kV		
10	GIAT Sub	13.49342	144.80676	N/A
	Indoor:	Other Switchgears: Qty 5 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports		
11	Harmon Sub	13.52279	144.81938	P-046, P-047, P-111, P-112
	Indoor:	Switchgears: Qty 12 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 6 cubicles, 15kV, Front bolt secured, Rear Handles, No viewports		
	Yard:	Transformers: Qty 4, 30 MVA(35kV/15kV), 14 MVA(35kV/15kV), 2 x 112 MVA(115kV/35kV) Breakers: Qty 22, 4 x 115kV, 18 x 35kV Manual Switch: Qty 12, 6 x 115kV, 6 x 35kV		
12	Macheche Sub	13.51138	144.82668	P-270, P-271, P-272
	Indoor:	Switchgears: Qty 8 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 28 MVA(35kV/15kV) Breakers: Qty 5, 5 x 35kV		
13	Mangilao Sub	13.48994	144.86141	N/A
	Indoor:	Other Switchgears: Qty 8 cubicles, 35kV, Front Handles, Rear bolt secured, Rear viewports		
	Yard:	Transformers: Qty 1, 112.5 kVA(35kV/120-280V)		

PS-3

PROJECT SITE INFORMATION

Guam Power Authority

Predictive Based Maintenance to Identify Anomalies
on Overhead Powerline and Substation Components

#	Substation * Base access restrictions	Latitude	Longitude	Feeders N/A – Not Applicable or Non-GPA Feeders
14	Marbo Sub	13.51282	144.87197	N/A
	Yard:	Transformers: Qty 1, 100 kVA(35kV/120-280V) Breakers: Qty 4, 4 x 35kV		
15	NCTS Sub*	13.57122	144.84751	N/A
	Yard:	Transformers: Qty 1, 10.5 MVA (35kV/△-Y)		
16	North Finegayan Sub*	13.58266	144.85389	N/A
	Indoor:	Switchgears: Qty 12 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 11 cubicles, 15kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 2 x 15/19.5 MVA(35kV/△-Y)		
17	Orote Sub*	13.42280	144.66085	N/A
	Indoor:	Switchgears: Qty 19 cubicles, 15kV, Front Handles, Rear bolt secured, 4 viewports		
	Yard:	Transformers: Qty 2, 12.5 MVA(35kV/△-Y), 14 MVA(35kV/△-Y)		
18	Pagat Sub	13.49157	144.85650	P-320, P-321, P-322, P-323
	Indoor:	Switchgears: Qty 8 cubicles, 15kV, Front Handles, Rear bolt secured, 3 Rear viewports Other Switchgears: Qty 8 cubicles, 15kV, Front Handles, Rear bolt secured, 7 Rear viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV)		
19	Piti Sub	13.46260	144.69052	P-003, P-005, P-007
	Indoor:	Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 3, 112 MVA(115kV/35kV), 10.5 MVA(35kV/15kV), 150 kVA(34.5kV/120-208V) Breakers: Qty 17, 17 x 35kV Manual Switch: Qty 2, 2 x 35kV		
20	Potts Junction Sub*	13.58918	144.86439	N/A
	Yard:	Transformers: Qty 1, 5.25 MVA (35kV/△-Y)		
21	Pulantat Sub	13.41418	144.75276	P-290, P-292, P-294, P-295, P-298, P-301
	Indoor:	Switchgears: Qty 9 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 4 cubicles, 35kV, Front bolt secured, Rear Handles, No viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV) Breakers: Qty 4, 4 x 35kV Manual Switch: Qty 2, 1 x 35kV, 1 x 15kV		

PS-4

PROJECT SITE INFORMATION

Guam Power Authority

Predictive Based Maintenance to Identify Anomalies
on Overhead Powerline and Substation Components

#	Substation * Base access restrictions	Latitude	Longitude	Feeders N/A – Not Applicable or Non-GPA Feeders
22	Radio Barrigada Sub*	13.47216	144.82054	N/A
	Indoor:	Switchgears: Qty 8 cubicles, 15kV, Front bolt secured, Rear bolt secured, No viewports Other Switchgears: Qty 5 cubicles, 35kV, Front bolt secured, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 2 x 9.375 MVA(35kV/△-Y) Breakers: Qty 3, 3 x 35kV Manual Switch: Qty 2, 2 x 35kV		
23	San Vitores Sub	13.50220	144.78491	P-400, P-401, P-402, P-403
	Indoor:	Switchgears: Qty 4 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 6 cubicles, 35kV, Front Handles, Rear bolt secured, 2 Rear viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV)		
24	SRF Sub*	13.43522	144.66021	N/A
	Indoor:	Switchgears: Qty 18 cubicles, 15kV, Front Handles, Rear Handles, No viewports Other Switchgears: Qty 10 cubicles, 35kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 2 x 14 MVA(35kV/△-Y)		
25	Talofofo Sub	13.35314	144.75235	P-260, P-261, P-262, P-263
	Indoor:	Switchgears: Qty 3 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 4 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 1, 12.5 MVA(35kV/15kV) Breakers: Qty 5, 5 x 35kV Manual Switch: Qty 2, 2 x 35kV		
26	Tamuning Sub	13.48577	144.78598	P-201, P-202, P-203, P-204, P-205, P-206
	Indoor:	Switchgears: Qty 10 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 4 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 3 cubicles, 115kV, Front bolt secured, Rear bolt secured, No viewports		
	Yard:	Transformers: Qty 3, 112 MVA(115kV/35kV), 28 MVA(35kV/15kV), 22.4 MVA(35kV/15kV) Breakers: Qty 10, 3 x 115kV, 7 x 35kV Manual Switch: Qty 5, 2 x 115kV, 3 x 35kV		
27	Tenjo Vista Sub	13.41700	144.68655	N/A
	Indoor:	Other Switchgears: Qty 6 cubicles, 35kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 33 MVA(35kV/△-Y), 30 MVA(35kV/△-Y) Manual Switch: Qty 8, 8 x 35kV		

PS-5

#	Substation * Base access restrictions	Latitude	Longitude	Feeders N/A – Not Applicable or Non-GPA Feeders
28	Tiyan Sub	13.47733	144.80020	N/A
	Indoor:	Other Switchgears: Qty 9 cubicles, 35kV, Front Handles, Rear bolt secured, No viewports		
29	Tumon Sub	13.50067	144.79908	P-240, P-241, P-242, P-243, P-244, P-245, P-246
	Indoor:	Switchgears: Qty 10 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 6 cubicles, 35kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 2, 28 MVA(35kV/15kV), 30 MVA(35kV/15kV) Breakers: Qty 5, 5 x 35kV		
30	Umatac Sub	13.29243	144.66746	P-340, P-341
	Indoor:	Switchgears: Qty 6 cubicles, 15kV, Front Handles, Rear bolt secured, No viewports Other Switchgears: Qty 6 cubicles, 35kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 1, 30 MVA(35kV/15kV)		
31	Yigo Sub	13.54485	144.89225	P-092, P-330, P-331, P-332
	Indoor:	Switchgears: Qty 4 cubicles, 15kV, Front Handles, Rear Handles, No viewports		
	Yard:	Transformers: Qty 3, 30 MVA(35kV/15kV) , 2 x 25 MVA(35kV/△-Y) Breakers: Qty 6, 6 x 35kV Manual Switch: Qty 3, 2 x 35kV, 1 x 15kV		

* Military Base access restrictions

N/A – Not Applicable or Non-GPA Feeders