



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

July 02, 2019

AMENDMENT NO.: II

TO

INVITATION FOR BID NO.: GPA-057-19

FOR

MOBILE DIESEL STANDBY GENERATOR WITH TRAILER

Prospective Bidders are hereby notified of the following Changes, Inclusion and response to an inquiries received from Morrigo Equipment LLC dated June 14, 2019, R&D Marketing dated June 20, 2019 and July 01, 2019, Far East Equipment dated June 19, 2019, Island Equipment Company dated June 26, 2019, America's Best Electricmart Inc. dated June 26, 2019, JMI Edison dated June 26, 2019 and Mid Pac far East, LLC. Dated June 28, 2019:

CHANGES:

1. Bid Opening Date is changed **FROM** 2:30 P.M., Tuesday, July 02, 2019 **TO NOW READ** 2:30 P.M., Thursday, July 11, 2019.
2. **REMOVE** Pages 6, 7, & 8 of 24 and **REPLACE** with Pages 6a, 7a, & 8a of 24 (see attached).

Changes are as follows:

On page 6a, Item 4.0, Quantity is changed **FROM** 2 Each **TO NOW READ** 3 Each.

On page 7a, Item 5.0, Quantity is changed **FROM** 2 Each **TO NOW READ** 3 Each.

3. On Page 8 of 24, Line Item No.: 6.0 is **CANCELLED** in its entirety as it is no longer required in bid specifications.

Morrigo Equipment dated 06/14/2019:

QUESTION:

1. 2.0 Mobile Diesel Standby Generator with Trailers
A1.1 voltage – 3 Phase 110 / 220, 120 / 240, 277 / 480
- Please confirm if voltage: 120 / 208 Volts
Is acceptable in lieu of 110 / 220 voltage requirement?

ANSWER:

Yes, 120 / 208 volts is acceptable.

QUESTION:

2. 2.0 Mobile Diesel Standby Generator with Trailers
A1.1 voltage – 3 Phase 110 / 220, 120 / 240, 277 / 480

ANSWER:

3 Phase 120 / 208 is required.

QUESTION:

3. 3.0 Mobile Diesel Standby Generator with Trailers
A1.1 voltage – 3 Phase 120 / 208, 110 / 220, 120 / 240, 277 / 480

- Please confirm if 3 phase voltage - 120 / 240 volt is required.

This voltage setting is known as a "Delta" configuration and is only available if the alternator is reconfigured in the field.

This setting is not readily available with a voltage selector switch.

Or does specification require 120 / 240 Volt 1 phase (single phase)?

ANSWER:

3 Phase 120 / 208 is required.

QUESTION:

2.0 Mobile Diesel Standby Generator with Trailers

A1.0 Standby: 60 KW, 75 KVA

3.0 Mobile Diesel Standby Generator with Trailers

A1.0 Standby: 150 KW, 190 KVA

4.0 Mobile Diesel Standby Generator with Trailers

A1.0 Standby: 250 KW, 313 KVA, 60 Hz

5.0 Mobile Diesel Standby Generator with Trailers

A1.0 Standby: 500 KW, 625 KVA, 60 Hz

6.0 Mobile Diesel Standby Generator with Trailers

A1.0 Standby Rating: 800 KW

- Please advise if sub-base tanks are required for all these units, or will these units be connected to an existing fuel source at the jobsite(s)?

ANSWER:

Sub-base tanks required, double wall & 24 hour run time capacity.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

- 4. 1.0 Mobile Diesel Standby Generator with Trailers
- 2.0 Mobile Diesel Standby Generator with Trailers
- 3.0 Mobile Diesel Standby Generator with Trailers
- 4.0 Mobile Diesel Standby Generator with Trailers
- 5.0 Mobile Diesel Standby Generator with Trailers
- 6.0 Mobile Diesel Standby Generator with Trailers

B1.1 Pre-delivery service, start-up, commissioning, and load test performed by certified technician.

- Please confirm if one-hour load bank test is acceptable for all units?

ANSWER:

Yes, one-hour load bank test is acceptable per unit.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

- 5. 1.0 Mobile Diesel Standby Generator with Trailers
 - A1.0 Standby: 25 KW / 31 KVA
 - A1.13 USEPA Tier 2 Compliant
- 2.0 Mobile Diesel Standby Generator with Trailers
 - A1.0 Standby: 60 KW, 75 KVA
 - A1.9 USAEPA Tier 2 Compliant
- 3.0 Mobile Diesel Standby Generator with Trailers
 - A1.0 Standby: 150 KW, 190 KVA
 - A1.9 USEPA Tier 2 Compliant
- 4.0 Mobile Diesel Standby Generator with Trailers
 - A1.0 Standby: 250 KW, 313 KVA, 60 Hz
 - A1.8 USEPA Tier 2 Compliant

- Please confirm minimum US EPA Tier requirement for generators of this size and output is Tier III. Tier II is not permitted entry to Guam for units of this size.

ANSWER:

Tier III is required.

R&D Marketing dated 06/20/2019:

QUESTION:

Clarification:

- A) Line Item 1.0 – The voltage rating are 3-phase: 120/208 and 277/480; 1-Phase: 120/240.
- B) Line Item 2.0 - The voltage rating are 3-phase: 110/220, 120/240 and 277/480
- C) Line Item 3.0 - The voltage rating are 3-phase: 120/208, 110/220, 120/240 and 277/480

***Question:** Please confirm the voltage rating for line item 1.0, 2.0 and 3.0. There should be one (1) voltage rating only.

ANSWER:

GPA requesting for the generator to be equipped with a interchangeable switch that can change the voltage to provide 120/208 or 110/220 up to 277/480

QUESTION:

- D) Pre-delivery service, start-up, commissioning and load test performed by certified technician.
****Question:** Please advise if above requirement will be done at the factory before delivery to Guam and factory test reports will be submitted. The start-up, commissioning, load test and field installation will not be performed at Guam jobsite.

ANSWER:

GPA requires start-up and commissioning by a certified electrician on Guam upon acceptance of generators. Factory load testing reports are acceptable.

QUESTION:

- E) Please confirm this bid is only for supply of Generator with trailer only. Please send sample pictures of generator with trailer for small and large units.

ANSWER:

This is a portable generator mounted on a trailer with wheels that can be hauled around. (see attached sample pictures).

Far East Equipment Company, LLC. dated 06/19/2019:

QUESTION:

1. Items 1,2,3 request the generator ability to provide 120/208V & 277/480V 3 phase and 120/240V single phase. Please confirm that this requirement must have a control switch to go between the different voltages without having to retapp all the wires at the alternator?

ANSWER:

That's correct, an interchangeable switch to change voltage settings rather than reconfiguring cables.

QUESTION:

2. Are these generators for Guam? If yes, specing a tier 2 engine for the lower sized generator up to 250KW will not be compliant with USEPA emissions.

ANSWER:

Tier III is required.

QUESTION:

3. Is the required load test on each generator to be done on a load bank in Guam or can it be a factory load bank with reports? What is the duration of the load bank test and at what loads?

ANSWER:

Factory load bank reports will be acceptable.

QUESTION:

4. The specs require pre delivery, startup, and commissioning by a certified electrician. These jobs are typically performed by a factory certified technician. Is a factory certified technician acceptable for these task?

ANSWER:

All we require is to test run and commission the generator upon acceptance to make sure everything is ok by a certified electrician.

Island Equipment Company dated 06/26/2019:

QUESTION:

1. Extension of bid deadline

ANSWER:

Refer to Amendment No.: II

QUESTION:

1. Origin of Manufacturer - will this be US manufacturers only.

ANSWER:

Yes, other non US manufacturer has to pass clearance with customs to meet EPA requirements such as Tier III

America's Best Electricmart Inc. dated 06/26/2019:

QUESTION:

1. One of the manufacturers that I am working with is questioning whether USEPA Tier 2 is valid for use on Guam. Their understanding is that Tier 4 is required except for specific cases where USEPA/GEPA has specifically allowed a hybrid version of Tier 3. Can you confirm Tier 2 is what is needed?

ANSWER:

Tier III is acceptable for GUAM.

QUESTION:

2. We would like to request a 2-week extension to the bid date for this bid.

ANSWER:

Granted 1 Week extension only. Refer to Amendment No.: II

JMI Edison dated 06/26/2019:

QUESTION:

1. Item No. 1, 2, 3 - Specification A1.1: Please clarify voltage required. Would GPA need 122/208V only?

ANSWER:

Interchangeable switch is what we need from 120/208 up to 277/480, 3 phase.

QUESTION:

2. For All Item No. 1-6: Is there a requirement for mainline circuit breakers?

ANSWER:

If your referring to generator main circuit breaker, base the amperage to 240 volt 3 phase.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

3. For Item No. 2-6: Is there a Receptacle requirement? Similar to Item No. 1.

ANSWER:

Receptacle is not needed to line item 2-6

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

4. For Item No. 2-6: Is a Fuel Tank required? If so, what size?

ANSWER:

Yes, fuel tank is required, size is based on factory standards of KW.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

5. JMI Edison kindly request a 2 (two) week extension for the bid opening of GPA Bid No. GPA-057-19 for Mobile Diesel Standby Generator with Trailer. This is due to time needed to clarify and request for information on specifications, review, and obtain pricing from the vendor.

ANSWER:

Granted 1 Week extension only. Refer to Amendment No.: II

Mid Pac Far east, LLC dated 06/28/2019:

QUESTION:

Our Manufacturer, CUMMINS Power Generation, are requesting additional time be added to the Bid Opening date for supplemental Engineering to be performed.

The new Bid Opening date requested is July 19, 2019.

ANSWER:

Extension was granted only for 1 week only up to July 9, 2019 due to the changes made on Bid, Kindly refer to Amendment No.: II

R&D Marketing dated 07/01/2019:

QUESTION:

1. In the bid form, we have noticed that GPA requires a built-in fuel tank for 25KW Genset. Please confirm if the built-in fuel tank are not applicable or not required for 60KW, 150KW, 250KW, 500KW and 800KW Generator as these are not indicated in the bid form.

ANSWER:

All portable generators from 25 kw up to 500 kw requires a subbase (build in) diesel fuel tank.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

QUESTION:

2. Please let us know the per diem rate for 2-GPA personnel who will attend and verify the factory acceptance test for 150KW, 250KW, 500KW and 800KW Genset.

ANSWER:

Vendor to request rates from manufacturer.

NOTE: Kindly Refer to Item 3. of **CHANGES** above.

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


JOHN M. BENAVENTE, P.E.
General Manager




KOHLER

KOHLER





MQ POWER

25

CAUTION

DANGER
HIGH VOLTAGE

TIER 4F

Denyo
MQ
POWER

GasBrite
H PRE CENTER



G290

DOOSAN

DOOSAN

1202
3

1202
3

Environment

INVITATION FOR BID NO.: GPA-057-19

Requisition No. 32659

NO.	DESCRIPTION	QTY. U/I	UNIT PRICE:	TOTAL PRICE:
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* 4.0 Mobile Diesel Standby Generator with Trailers * 3 Ea. \$ _____ \$ _____

COMPLY / NON-COMPLIANCE:

A. SPECIFICATION:

- A1.0 Standby: 250 kW, 313 kVA, 60 Hz
- A1.1 Three-Phase 277/480 VAC
- A1.2 Engine Speed: 1,800
- A1.3 Cooling: Radiator cooled
- A1.4 Aspiration: Turbocharged/Aftercooled
- A1.5 Number of cylinders: 6-inline
- A1.6 Governor: Electronic
- A1.7 Battery charging alternator: STD
- A1.8 USEPA Tier 2 Compliant
- A1.9 Generator shall be sound and weather enclosed and mounted on towing trailer.
- A1.10 Enclosure Type: Easy entrance for all maintenance services external emergency stop switch.

COMPLY / NON-COMPLIANCE:

B. WARRANTY:

- B1.0 One (1) year/1,000 hour standby parts/labor warranty.
- B1.1 Pre-delivery service, start-up, commissioning and load test performed by certified technician.
- B1.2 Vendor to include cost for two (2) GPA personnel to attend and verify factory Acceptance testing (FAT)

COMPLY / NON-COMPLIANCE:

C. MISCELLANEOUS:

- C1.0 Operation/maintenance manuals.
- ***** APPROVED EQUAL TO OR BETTER *****

NOTE:

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

Delivery Requirement:

20 Weeks After Receipt of Order (ARO)

TO BE COMPLETED BY BIDDER:

MANUFACTURED BY: _____

MAKE: _____

MODEL: _____

PLACE OF ORIGIN: _____

EXPORT ABROAD: _____

TIME OF DELIVERY AFTER RECEIPT OF PURCHASE ORDER: _____

SPECIFICATIONS GENERATED BY:

W Fernandez *6/10/19*

Wayne Fernandez Date
Power Plant Maintenance Superintendent

SPECIFICATIONS APPROVED BY:

Ronald Okada *6/7/19*

Ronald Okada Date
Manager of Generation

SPECIFICATIONS APPROVED BY:

Melinda C. Mafnas *6/7/19*

Melinda C. Mafnas, P.E. Date
Assistant General Manager of Operations

INVITATION FOR BID NO.: GPA-056-19

Requisition No. 332659

NO.	DESCRIPTION	QTY. U/I	UNIT PRICE:	TOTAL PRICE:
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* 5.0 Mobile Diesel Standby Generator with Trailers * 3 Ea. \$ _____ \$ _____

COMPLY / NON-COMPLIANCE:

A. SPECIFICATION:

- A1.0 Standby: 500 kW, 625 kVA, 60 Hz
- A1.1 Three-Phase 277/480 VAC
- A1.2 Engine Speed: 1,800
- A1.3 Cooling: Radiator cooled
- A1.4 Intake Air Method: Turbocharged/Intercooled
- A1.5 Number of cylinders: 6-inline
- A1.6 Governor: Electronic
- A1.7 Battery charging alternator: 70 Amps at 24V
- A1.8 USEPA Tier 2 Compliant
- A1.9 Generator shall be sound and weather enclosed and mounted on towing trailer.
- A1.10 Enclosure Type: Easy entrance for all maintenance services external emergency stop switch.

COMPLY / NON-COMPLIANCE:

B. WARRANTY:

- B1.0 One (1) year/1,000 hour standby parts/labor warranty.
- B1.1 Pre-delivery service, start-up, commissioning and load test performed by certified technician.
- B1.2 Vendor to include cost for two (2) GPA personnel to attend and verify Factory Acceptance Testing (FAT)

COMPLY / NON-COMPLIANCE:

C. MISCELLANEOUS:

- C1.0 Operation/maintenance manuals.
- ***** APPROVED EQUAL TO OR BETTER *****

NOTE:

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

Delivery Requirement:

20 Weeks After Receipt of Order (ARO)

TO BE COMPLETED BY BIDDER:

MANUFACTURED BY: _____

MAKE: _____

MODEL: _____

PLACE OF ORIGIN: _____

EXPORT ABROAD: _____

TIME OF DELIVERY AFTER RECEIPT OF PURCHASE ORDER: _____

SPECIFICATIONS GENERATED BY:

Wayne Fernandez *6/6/19*
 _____ Date
 Power Plant Maintenance Superintendent

SPECIFICATIONS APPROVED BY:

Ronald Okada *6/7/19*
 _____ Date
 Manger of Generation

SPECIFICATIONS APPROVED BY:

Melinda C. Mafnas *6/7/19*
 _____ Date
 Assistant General Manager of Operations

INVITATION FOR BID NO.: GPA-057-19

Requisition No. 32659

NO.	DESCRIPTION	QTY. U/I	UNIT PRICE:	TOTAL PRICE:
* 6.0	Mobile Diesel Standby Generator with Trailers	* 2 Ea.	\$ CANCEL	\$ CANCEL

COMPLY / NON-COMPLIANCE:

A. SPECIFICATION:

- A1.0 Standby Rating: 800 kW
- A1.1 Frequency: 60 Hz
- A1.2 Speed: 1,800 RPM
- A1.3 Full Load Amps: 1202/1053
- A1.4 Phase: 3
- A1.5 Power Factor: .80
- A1.6 Voltage-Connection: 480/277
- A1.7 Generator shall be sound and weather enclosed and mounted on towing trailer.
- A1.8 Enclosure Type: Easy entrance for all maintenance services external emergency stop switch.

COMPLY / NON-COMPLIANCE:

B. WARRANTY:

- B1.0 One (1) year/1,000 hour standby parts/labor warranty.
- B1.1 Pre-delivery service, start-up, commissioning and load test performed by certified technician.
- B1.2 USEPA Tier 2 Compliant
- B1.3 Vendor to include cost for two (2) GPA personnel to attend and verify Factory Acceptance Testing (FAT)

COMPLY / NON-COMPLIANCE:

C. MISCELLANEOUS:

- C1.0 Operation/maintenance manuals.
***** APPROVED EQUAL TO OR BETTER *****

NOTE:

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

Delivery Requirement:

28 Weeks After Receipt of Order (ARO)

TO BE COMPLETED BY BIDDER:

MANUFACTURED BY: _____

MAKE: _____

MODEL: _____

PLACE OF ORIGIN: _____

EXPORT ABROAD: _____

TIME OF DELIVERY AFTER RECEIPT OF PURCHASE ORDER: _____

SPECIFICATIONS GENERATED BY:

 6/6/19
Wayne Fernandez Date
Power Plant Maintenance Superintendent

SPECIFICATIONS APPROVED BY:

 6/7/19
Ronald Okada Date
Manager of Generation

SPECIFICATIONS APPROVED BY:

 6/7/19
Melinda C. Mafnas, P.E. Date
Assistant General Manager of Operations