



NOTIFICATION NO. 5

RFP 23J-09392

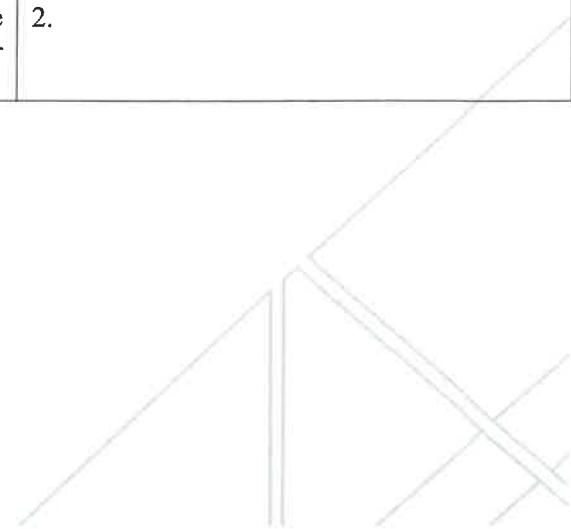
**ACQUISITION OF PRIME POWER RECIPROCATING ENGINE GENERATORS FOR THE
PUERTO RICO PORTS AUTHORITY, GOVERNMENT OF PUERTO RICO**

ABOUT: ANSWERS TO QUESTIONS

No.	PROPONENT	QUESTION	ANSWER
1.	RIMCO	Based on answer to question no. 6 of the NOTIFICACION_NUM. 2 - RFP_23J-09392.pdf, does the unit need to run on the syngas mixture provided or can the mixture be modified?	The syngas mixture provided is a readily available blend of propane and air distributed in the region. The ratio of propane to air for fuel supplied to the plant can be adjusted if desired to optimize engine performance.
2.	RIMCO	Please define B11.9 Compliance	Question is unclear. No reference to B11.9 found in RFP 23J-09392 document.
3.	RIMCO	In terms of NFPA compliance, NFPA 37 and NFPA 70 are very broad, could you please be more specific.	Vendors shall comply with applicable requirements in these codes, as applicable to the Vendor's scope of supply. Compliance for work outside of the Vendor's scope will be by others.
4.	ANTILLES POWER	Exhibit 3 includes a floor plan with an eight-engine configuration. Is this a hard requirement or, do we have flexibility to rearrange the layout according to OEM engine capacity and footprint?	Minor revisions to plant layout are acceptable to accommodate the highest ranked engine solution. If the plant modifications required are significant and likely to result in a construction cost increase, this additional cost will be factored into engine bid evaluation.
5.	ANTILLES POWER	Please confirm the maximum available space to fit the generators and accessory package under procurement.	Maximum space available is not rigidly defined and can be adjusted within reason to accommodate the highest ranked engine solution.



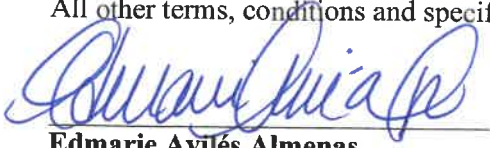
6.	ANTILLES POWER	Please provide a copy of Attachment E: "Site ambient conditions and other design criteria are shown in Attachment E of the RFP 23J-09392"	"Attachment E: General Site Information" was included in the original RFP document, immediately following "Attachment D: Cost Form".
7.	ANTILLES POWER	Can the owner provide the sequence of the operation of the units and a single line diagram?	Electrical design and sequences of operation are in development and will be adapted to suit the engine generators selected.
8.	ANTILLES POWER	What is the anticipated size/capacity of the BESS?	The size/capacity of the BESS has not been finalized at this time and it is not included in the scope of supply for this procurement package.
9.	ANTILLES POWER	Can you please confirm if the fuel composition remains constant or does it vary? If the latter, what is the variance range?	Fuel composition will be constant.
10.	AB A BETTER WAY	Sec 1.5C.5 Electric Generator Grounding System is ground system to be provided or it will be by others.	The engine generator will be connected to a grounding system provide by others.
11.	AB A BETTER WAY	1.6.A VIBRATION ISOLATION DEVICES The genset fulfils the limits for mechanical vibrations according to ISO 8528-9. The aggregate is placed on Sylomer strips. If higher requirements are needed, please clarify which ones.	Higher requirements are not needed. Disregard Section 1.6 if vibration isolation is not required. Refer to answer of question #52, Notification No. 3 of this RFP and confirm that engine is suitable for installation under site specific conditions.
12.	AB A BETTER WAY	Exhibit A. Performance Table. Please Provide the loading sequences.	The loading sequences are on the last two pages of the Exhibit A performance Tables.
13.	AB A BETTER WAY	In the proposal content a pricing working sheet is requested, is it the same document as Cost Form (Attachment D)?	Yes, the pricing worksheet and the Cost Form is the same document.
14.	THREE O LLC	We could not find the generating capacity of the generators requesting KVA/KW. Please indicate the capacity you are requesting for each unit.	See answer to question #10, Notification No. 2.



15.	THREE O LLC	In the "Attachment D: Cost Form", found on page 37 of 83 in the RFP document, the following is requested: "Pricing for oversized generator to allow future operation on natural gas". We want to clarify if what is required in this item is to include the price of delivering machines with the capacity to burn both propane gas and natural gas from the first day (Dual fuel), in which case, the size/capacity of the units will be dictated by the generation capacity required by operating propane gas. If so, only the price differential between a unit that only burns propane versus a unit that has the capacity to burn both fuels, one at a time or a combination of both, would have to be included in this item. This dual fuel application requires the chromatography of both gases but would have a programming and commissioning expense to be quoted in the future if necessary. The units will have all the hardware to operate in both gases from day one (1) as requested. In other words, if the intention is to operate in the future in the same capacity that they begin to operate with propane gas, they would have no problems operating the same units with natural gas.	See answer to question #11, Notification No. 2.
16.	THREE O LLC	Cogeneration power plant design and construction can affect equipment performance and warranties. Who will oversee such activities and ensure that all manufacturer-recommended protocols are followed?	See answer to question #12, Notification No. 2.
17.	THREE O LLC	Please include electrical and/or thermal audits for the sizing of the units that can be shared with suppliers.	See answer to question #13, Notification No. 2.
18.	THREE O LLC	Is there any customer requirement regarding step loads or any analysis that can be shared regarding this topic? The idea is to know what is the maximum/minimum size of each individual unit that will result in the appropriate size of power increments that the end user is looking for.	See answer to question #14, Notification No. 2.
19.	THREE O LLC	Please share electrical monolinear diagram of the generation plant to be built, load study and energy audit.	See answer to question #15, Notification No. 2.



All other terms, conditions and specifications will remain unchanged.



Edmarie Avilés Almenas
Secretary
Bid Board

Issued today, May 3rd, 2023.
San Juan, Puerto Rico



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