ITB No. 088/16

Supply and Installation of 2 Diesel Generators 2,000 kVA, for Ramadi Water Project.

CLARIFICATION NUMBER ONE
(Questions & Answers)

Date: 27 June 2016

Question 1:

a. Will these 2 gensets run in synchronization mode or separately?
b. Will these 2 gensets connect to the national network? If yes, it does not mention to the ATSs?
c. Where to the output of these gensets connect?
d. Is there any Low Voltage Switch Gear to connect the gensets output to?
e. The bid is Supply and Installation of 2 gensets, this means more equipment and works are required for installation, like: cables, connectors, circuit breakers, civil works, etc….. Please clarify this issue.

Answer for a, b, c, d & e:

There are three installed generators in the water project. One of them will be repaired in the rehabilitation project. The other two generators are out of service and will be replaced by these two new generators in this ITB. All the appended materials such as the base, ATS, switch gear, connectors, fuel tank, ..etc. are existing. The bidder is responsible to remove the two existing generators and install the new ones instead of them with the required work and connections. These two generators will run alternately to provide the water project with the electricity at the time of national power outage.

Question 2:

The site conditions mentioned are 55C and 1000m are not realistic especially the altitude. If we comply with these site conditions, we will jump to a bigger genset that will increase the price of the genset. Please advise if we shall quote a Genset at the site condition requested in specs and mentions the deration in our offer or we can use only one condition (Altitude or temperature) whichever cause more deration and quote based on it.

Answer:

a. Ambient temperature: That must be not less than 55C according to Iraqi technical specification and Iraq weather,
b. Altitude: In areas of high altitude, air pressure drops reducing the air density. This can create problems with generator start up if not accounted for since air is crucial for ignition in any type of generator. Another factor that gets affected is availability of ambient air to facilitate heat dissipation from the generator. A lot of heat is created during the combustion process and needs to be dissipated into the environment to reduce engine temperature. At high altitudes, due to the low air density, heat dissipation occurs at a much slower rate than it would at sea levels, resulting in high engine temperatures for a sustained period of time. The engine remains hot and overheating is a common problem in such cases.

For this resin company must provide technical calculation and Justification in case of any changes in technical specification to ensure the generator functions must be according to Ramady environments

Question 3:

Referring to file ANNEX A (page 4), please advise if this Genset will be placed inside a power building or a sound proof enclosure. And if it's inside a sound proof enclosure, please advise the sound level required for this enclosure.

Our understanding that the Genset will be installed inside an enclosure and the enclosure installed inside the DG room

Answer:

The Genset must be placed inside sound proof enclosure 85db+/-2db at 7 meter.

Question 4:

How shall I submit our tender for the ITB-088/ 16?

Answer:

Please refer to the link, in which you can find the tender document and instructions to bidder/ DATA SHEET.

http://procurement-notices.undp.org/view_notice.cfm?notice_id=30739

Question 5:

Where is that e-Tendering found?

Answer:

Please visit our above link and all instruction are mentioned there. Further the bids should be submitted electronically to: bids.iraq@undp.org

Question 6:

What means **Manufacturer certification** in the Compliance Sheet?

Answer:

Manufacturing certificate is a certificate from the manufacturer confirming the brand and make of his diesel Generator with warranty and availability of spare parts. The manufacture certificate also provide information about the ISO Certification.