



Kenya Ports Authority

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PSM/CTC/1/01 (003) Vol. 1 (6)

17th August 2018

Dear Bidders,

RE: ADDENDUM NO. 3

TENDER NO: KPA/003/2018-19/EE – SUPPLY, DELIVERY, TESTING AND COMMISSIONING OF A 1250KVA COMPACT MOBILE SUBSTATION

Pursuant to clause 10.1 of the tender document, the Authority hereby issues the following addendum: -

Question 1.

Please see the attached Caterpillar definitions for standby and prime rated generator sets and standard example given for a 3mw generator set, Also kindly advise on the number of hours per year this generator set (1250kva) will be running,

Answer

The clarifications are as below:-

Rated Prime Power.....1250kVA and Standby Power
Rating.....1375kVA

With the rated prime power and standby power rating given the number of hours running per year is not an issue.

The Generator specifications detailing both standby and prime power rating are as below:-

1250 KVA GENERATOR

This specification is for **1250kVA Prime Power rated sound attenuated generator**. The generator set shall be designed and configured to include the following minimum specifications as detailed here under:-

Technical Specifications

Rated Prime Power.....1250kVA
Standby Power Rating.....1375kVA
Rated Power Factor.....0.8
Rated Speed.....1500 RPM
Rated Frequency.....50 Hz
Load.....Standby/continuous
Rated Voltage.....400V, 3-phase
Preferred Prime Mover.....Volvo P./Perkins/Caterpillar or equivalent
No. of cylinders.....12/V
Fuel tank capacity.....over 3790 liters
Degree of protection / Insulation class...IP23/H
Aspiration.....Turbo Charged and intercooled
Fuel Autonomy.....Over 9 hours
Preferred Alternator Leroy- Somer /Mecc Alte/Stamford/CAT
Fuel Consumption at Full Load :..... < 260L/hr.
Maximum sound power level (LWA)....99dB (A)
Altitude Capability.....1000m without derating
Operating Temperature Range...-30°C to 50°C ”

The other details remain unchanged.

Question 2.

Will we be connecting our equipment to the grid or in island mode? If island, is there provision for earth fault detection and protection at each substation or should we supply the same.

Answer

The equipment is to be connected in island mode all protection to be provided.

Question 3

What is the load profile of the substation we are powering? Please advise the behaviour of the electrical load for us to select suitable equipment for you.

Answer

The Prime load is 1250KVA.

Question 5

Do you have sufficient fuel storage at the various substations or should it be included in our supply?

Answer

The generator fuel tank will suffice.

Question 6

Tender not clear whether it is an exclusive Purchase bid or if a Rental/Rent to own Bid is acceptable- We request to include a Rent/ Rent to own bid.

Answer

It is an exclusive Purchase bid.

Question 7

Section I item 1 of tender document state that 'The Kenya Ports Authority now invites sealed tenders from eligible Electrical Contractors registered with Ministry of Energy's ERC Class A1'

We request to amend this to read 'The Kenya Ports Authority now invites sealed tenders from eligible Suppliers' Else as it excludes other bidders who are well qualified and experienced in implementing this Project

Answer

ERC license is mandatory.

Subsequently, submission deadline has been extended to Thursday, 30th August 2018.

All other conditions remain the same.

Yours faithfully,


Stephen Chepkangor
For: Head of Procurement and Supplies
FOR: MANAGING DIRECTOR

