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No. F-8()RMSC/EPM/SM-3/2021-22/NIB-598/987

Dated: 13/08/2021

CLARIFICATION/CORRIGENDUM/ADDENDUM

Following amendment to be incorporated in the BID Document of NIB No. 598/2021-22 for procurement of DG Set.(5KVA):-

A.Revised Technical Specification of 5kVA Diesel Generator Set (Self Start Silent Type)

S.N.	Specification
1.	Supply, installation, testing & commissioning of movable on wheel silent DG Set complete with 3000 RPM diesel engine of suitable BHP for 5kVA & AC brushless single phase alternator mounted on a common base frame & coupled through coupling. Alternator shall be self regulated with standard alternator protection (over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, exhaust piping, electronic/mechanical governor, Manual & electric start, batteries, engine instruments panel, AVM and with weatherproof, powder coated acoustic enclosure for DG set for sound attenuation fabricated from 1.2mm-1.6mm CRCA sheet steel (structure) with side wall fabricated from 1.2mm-1.6mm CRCA sheet & filled with suitable thick glass wool (96Kg/m3)/foam as per IS 8183, suitable thick doors and fabricated from 1.2mm-1.6mm CRCA sheet packed with acoustic material, All doors/ opening are sealed with neoprene/EPDM gaskets. The enclosure has built in fuel tank, residential silencer with protection and tripping of DG set.
2.	Against temperature of more than 45 degree centigrade. All controls for operation of DG set are visible and accessible from outside the enclosure with automatic main failure (AMF) panel fabricated from CRCA sheet 1.2mm sheet CRCA sheet steel 1.2mm thick powder coated finish engine start stop command control relays, selector switches, multifunctional meter for ammeter & voltmeter, control & power contractor, timers, electronic hotter, audio & visual alarm indication for faults, panel complete in all respect suitable for 5kVA, DG set also having microprocessor base genset monitoring and control systems including DP MCB of 30/40amp. 10ka capacity, 1 no., frequency meter include power factor meter, frequency meter, indicating lamps. Enclosure should be suitable for 5kVA DG set & alternator. Noise level shall be less then 75dBA at a distance of 1 meter dully certified by authorized agency completed in all respects according to capacity of 5kVA.
3.	Naturally Air Cooled & Natural Aspirated/Turbo charged.
4.	5 KVA at 0.8 to 1 PF, Output Voltage 230V±2.5% 50Hz 1-Ø
5.	Relay Based: 5kVA

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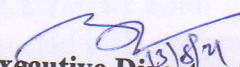
6.	Providing two numbers GI earth spike (rod) 20mm dia.& 1000mm long.Provision for 6sqmm single core flexible cooper conductor PVC insulated wire for body & neutral earthing.
7.	a) Providing PVC insulated flexible copper conductor cable un-armoured 3x10sqmm of ISI approved of standard make. (Up to 30meter). b) Providing 6sqmm single core flexible copper conductor of ISI approved of standard make upto 25meter including crimping lux both side of the wire. (Qty. 2 Nos. for body & neutral earthing).
8.	Suitable for maximum load of 4kw
9.	Inbuilt Static Battery Charger Volts/Current (DC) 12V/10amp
10.	Inbuilt battery voltage (DC) & capacity (AH),12V(DC)/35AH, Make- Amron or Exide including separate 24 month free Service/ Replacement Warranty
11.	Fuel Consumption: Test certificate of quoted model from OEM at different load conditions must be provided at the time of technical bid. Fuel Tank Capacity: Minimum 15 L
12.	Voltage regulation 230V±2.5%
13.	All required wiring for panel/DG set should be in copper flexible PVC insulated wire of standard makes.
14.	Installation/Testing/Connecting on load work done by firms as required at site.
15.	Bidder should quote rates including installation work in all respect.
16.	The firm should submit valid type of approved certificate with authorization from CPC/RPCB following are the mandatory required certification :- a) Type of approval/COP data for emission compliance of diesel generator from ARAI/ICAT/VRDE. b) Type of approval/COP data for noise compliance of diesel generator from FCRI/ARAI/NAL/ICAT.
17.	Diesel engine must have IS 10001:1981 with updating till date.
18.	Complete work shall be carried out by the bidder.
19.	Warranty shall be given by OEM of the product and allied installation work for the period of 3 years from the date of installation.
20.	Comprehensive Maintenance Service: CMC will be given @ 5% of net rate excluding GST (as applicable) and yearly escalation of 5% on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after warranty period of three years.
21.	During warranty and onsite maintenance period consumables like all kind of filters, engine oil, coolant , fan belt, washers and hose pipes will be provided by the department as and when required and two services/year will be will be provided by the manufacturer free of cost.
22.	Demonstration of the quoted item is must for final approval by the nominated technical committee at Jaipur. Fuel required for testing purpose is to bear by bidder.

23. Other terms and condition to be covered during warranty period by the supplier:-
- a) Response time- < 24 Hours after logged the complain in complaint portal.
 - b) Service hours- As per health facility schedule.
 - c) Preventive Maintenance Schedule (PM)-As per OEM (Mention PM Schedule)
 - d) Calibration Schedule – As per OEM (Mention PM Schedule)
 - e) Technical & Application Support, Demonstrations & Trainings - As & when required
 - f) Toll Free No-
 - g) Life of the equipment- As per OEM

B. Amendment in BID Value and Quantity as below:-

S. N.	Description of Goods under Procurement	Bid Value (in Rs.)	Indicative Quantity (Number)	Minimum average Gross annual turnover for last three financial years (In Rs.)	Minimum average gross annual turnover for last three financial years for (MSMEs of Rajasthan) (In Rs.)	Bid Security (In Rs.)/ Bid Security for MSME Units of Rajasthan (In Rs.)
1.	DG SET(5 KVA)	7,50,00,000/-	300	3,00,00,000/-	1,50,00,000/-	Bid Security Declaration in BF-3 (on Rs 50/- Non-Judicial Stamp Paper Duly Notarized) has to be submitted.

Rest of the terms & Conditions shall remain unchanged .


 Executive Director (EPM)
 RMSCL, Jaipur