

GOVT. COLLEGE OF ENGINEERING AND RESEARCH, AWASARI

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No. GCOEARA/Store/2016-17/ 3719

Date: 10/11/2016

To,
HOD Computer Engineering For Display on College Website

Subject : Invitation for quotation for supply of Equipments (For College)

Sealed quotations are invited from manufacturers / their authorised suppliers for supply of the following equipments/machinery to this institute. The quotation in specified format, along with necessary supporting documents should be sealed in an envelope and submitted to this office on or before the prescribed time and date mentioned this invitation letter.

Sr.No.	Name of the item with Specification	Qty.	Unit
1	15 KVA Movable Diesel Genrator set Specifications as per ANNEXURE A	1	1
2	20 KVA Movable Diesel Genrator set Specifications as per ANNEXURE A	1	1

Last date for submission of above quotations to this office is 22.11.2016 till 5.00 PM

Instructions to bidders and Terms & Conditions

- 1 The quotations must be submitted in sealed envelope, in prescribed format with details of enquiry number, laboratory name last date for submission etc. super scribed on envelope.
- 2 The quotations must be supported by necessary technical literature, and other documents.
- 3 The bidder must not be a defaulter to any Government authorities and must not have been black listed/debarred from supplying goods.
- 4 The bid must be for inclusive price of the goods, must include all taxes and levies, transportation charges, freight etc and for warranty of 2 years from the date of installation.
- 5 Rates quoted should be valid for 90 days from the last date of submission of offer.
- 6 The bid offer must comply with all technical specifications and requirements of the user department. Mere quoting lowest price will not be the criteria for award.
- 7 The bidder must mandatorily quote PAN number and VAT TIN, while submitting th quotation.
- 8 The consignee will make payment for the goods received by way of RTGS/NEFT/ECS, as the case may be Hence the supplier will have to provide bank details to the consignee.
- 9 Payments will be done only after delivery, successful installation and working trial at the consignee's place. Advance payments will not be done.
- 10 This office reserves the right to reject any or all bid offers, without assigning any reason (/s), thereof.
- 11 List of documents to be attached - i) covering letter with details of bidders, address, telephone number, mobile number, email ID, name, signature and seal, ii) type of business entity-manufacturer / authorised dealer, any others (to be specified), iii) PAN card xerox, iv) sales tax / VAT TIN number

- v) offer letter stating make and model quoted, vi) authorization from manufacturer regarding support during bidding process and warranty period, in case the bidder is not a manufacturer, vii) technical literature of item quoted, viii) price quote along with taxation, inclusions and exclusions, if any, ix) undertaking that the bidder has not been black listed or debarred from supplying previously. x) undertaking about compliance of terms and conditions mentioned in this quotation.

[Handwritten signature]
10/11/16

(Dr. A.S. Pant)

Principal

Govt. College of Engineering & Research Awasari
Awasari(khurd)

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Annexure-A

Movable Diesel Generator Set Specifications for 15 KVA and 20KVA

Sr.No	Parameter	For 15 KVA	For 20KVA
1	Rating of generator	15 KVA	20KVA
2	Frequency (HZ)	50	50
3	Power Factor (Lagging)	0.8	0.8
4	Voltage (V)	415 three phase	415 three phase
5	Governing class as per ISO8528 part v	G2	G2
6	Noise Level (dBA)	<75	<75
7	Electrical Battery starting Voltage (volt DC)	12	12
Engine Specifications			
8	Rated output (Prime Continuous as per ISO 8528-1) Hp	20.5	25.5
9	No.of cylinder	02	02
10	Cubic Capacity (Lit.)	1.88	2.08
11	Bore *Stork (mm)	100*120	105*120
12	Rated Speed (RPM)	1500	1500
13	Aspiration (NA/TA/TC)	NA	NA
14	Lub oil change Period (Hrs.)	500	500
15	Lub Oil Sump Capacity (Ltr.)	5	5.5
16	Coolant capacity (Ltr.)	NA	9
Alternator Specifications			
17	Insulation Class	Class H	Class H
18	Alternator Efficiency (100% Load)0.8pf (%)	86	88.9
19	Maximum Voltage dip at full load 0.8 pf Lag (sec.)	≤ 20%	≤ 16%
20	Maximum Time to buildup rated voltage at rated RPM	< 5sec. Provided engine	< 5sec. Provided engine

Generator Controller Specifications:

Enclose, steel construction control panel, Operating temperature – 20 to 70 c & RH 95%, IP 56 Protection ,RS485/RS232 Compatibility ,Turbocharge after cooled, Radiator with fan, Exhaust Silencer, Stop Solenoid

Display

1. **Engine Display:** It should display oil pressure, Engine temperature, Battery condition, Fuel status, Speed &Running HRS, No Starts/Total Start, Manual stop

2. **Generator Display:** Voltage PH-PH & L-L, Current PH-PH & L-L,HZ & pf, Phase KW total KW, Kwh, Kva Kvar, Battery Voltage


Fault:

1. **Engine Faults:** Low lube oil pressure, High engine temp, Low coolant temp, Low fuel level, Low coolant level, Under/Over Speed

2. **Generator Faults:** Over/under voltage, Over/under Hz, Over current, Over load, Phase failure, Phase sequence reverse

Optional Kit Required: Space heater, cold starting Kit, Heavy Duty air cleaner, Paralleling feature, PMG kit, Remote Monitoring

The rates should inclusive of 2 years of warranty from the date of successful installation.


Head of Department,
Electronics & Telecom. Engg. Department
Govt. College of Engg. and Research
Avasari Khurd, Dist. Pune.