



OFFICE OF THE CDM & PHO CUM DISTRICT MISSION DIRECTOR, KANDHAMAL

District Programme Management Unit, DHH, KANDHAMAL, Phulbani – 762001 (Orissa)

Ph./FAX : 06842-253249 (CDMO), 253190 (F.W.), 253220 (DPMU), e-mail reportsnrhmkkan@gmail.com

Letter No. 6441 /NHM 2021/ Phulbani

Date : 19/05/2021

To

The Director, I & P. R. Dept,
Lok Sampark Bhawan, Bhubaneswar
e-mail: ipr.advt@gmail.com / iprenews@gmail.com

Sub : Publication of the advertisement.

Ref : Letter No. 5670 Dt. 27.06.2017 of the Hon'ble Chief Secretary, Odisha.

Sir,

Please find here with a specimen copy of the advertisement for Publication of the same in two nos. of daily news paper (One time) by 20th May' 2021.

This is for favor of your kind information and necessary action.

Yours faithfully,


CDM & PHO cum District Mission Director
Kandhamal

Date: 19-5-21

Memo No. 6442 /NHM/ 2021

1. Copy to the DI&PRO, Kandhamal for information & necessary action.
2. Copy to the DIO, NIC, Kandhamal for information with a request to publish the same along with the enclosures (enclosed herewith) in the district website.
3. Copy to the Head Clerk, O/o the CDM& PHO, Kandhamal for information and necessary action.


CDM & PHO cum District Mission Director
Kandhamal

ZILLA SWASTHYA SAMITI, KANDHAMAL



Office of the CDM&PHO-cum- District Mission Director, NHM, Kandhamal, Odisha, 762001

Advt. No. 6440 /NHM/21

Dt: 19/05/2021

Tender Call Notice

Sealed tenders are invited from the interested eligible bidders for supply of 62.5, 45 & 25 KVA AMF DG for ICU & Oxygen generation Plant of DHH, Phulbani for CDM&PHO, Kandhamal. The eligible criteria, the terms of reference and the formats for submission of bid as set forth in the tender document can be downloaded from the website www.kandhamal.nic.in. Interested bidders fulfilling the eligibility criteria may submit their proposal(s) with EMD, Tender paper cost & document as per tender call notice. The bidders have to submit their proposal(s) at the O/o: The CDM & PHO cum District Mission Director, Kandhamal, DHH, Phulbani. Proposal(s) complete in all respect should reach the undersigned on or before **12.00 Noon of 26.05.2021** through Regd/Speed post/ Courier and the same will be opened on **26.05.2021 at 12.30 PM**. The undersigned reserves the right to reject any or all the tender(s) without assigning any reason thereof.

Sd/-

CDM & PHO cum District Mission Director
Kandhamal



**CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER
KANDHAMAL**

Tel: 06842-253385;
e-mail :cdmophulbani@gmail.com,

Tender Reference No. CDM&PHO/2021-22/ 6440

**TENDER DOCUMENT
FOR
SUPPLY & INSTALATION
OF
62.5, 45 & 25 KVA AMF DG for ICU & Oxygen
generation Plant for DHH, Phulbani**

**Address for Correspondence- Office of the Chief
District Medical & Public Health Officer, Kandhamal
At/Po-Phulbani, Dist- Kandhamal, Odisha
Pin-762001**


Chief District Medical & Public Health Officer
Kandhamal

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OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, KANDHAMAL

SECTION -I

SHORT NOTICE INVITING TENDER

Tender Reference No. : CDM&PHO/2021-22/ 6440

Dated: 19/05/2021

TENDERS ARE INVITED FROM ELIGIBLE BIDDERS AS PER THE ELIGIBILITY CRITERIA FOR SUPPLY & INSTALATION OF 62.5, 45 & 25 KVA AMF DG FOR ICU & OXYGEN GENERATION PLANT FOR DHH, PHULBANI

1	Period of Availability of Tender Document	From 19.05.2021 TO 26.05.2021 (Downloadable from website: www.kandhamal.nic.in) In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the above mentioned website before last date of submission of tender document and the tender inviting authority shall have no responsibility for any delay / omission on part of the bidder.
2	Last date & time for submission of Tender	Date: 26.05.2021, Time: 12.00 Noon. Address of Submission of Bid: OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, KANDHAMAL At/Po- Phulbani, Dist.- Kandhamal, Pin- 762001 (Through Speed post / Registered post/Courier)
3	Date, time and place of opening of Tender	A. Technical Bid (Cover-A): Opening – 26.05.2021 at 12.30 PM at the address mentioned above. B. Financial Bid (Cover B): Opening – 26.05.2021 at 12.30 PM at the address mentioned above. (Venue is mentioned at the address mentioned above) (Bidders / authorized representative may remain present at the time of opening of bid)


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SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1.	Mode of Procurement	Through Open Advertisement
2.	Purchaser	Chief District Medical & Public Health Officer, Kandhamal
3.	Consignee	DHH,SDH, CHC etc. of District Kandhamal
4.	Delivery Period	Within 07 days from issue of the purchase order.
5.	Mode of Delivery	By Air / Road / Rail
6.	Guarantee / Warranty /CMC	<u>Comprehensive warranty</u> including all spares, maintenance etc. for a period 3(<i>three</i>) years from the date of installation & commissioning and 3(<i>three</i>) years CMC after warranty period.
7.	Tender Document Cost	Rs. 3,000/- : The tender document cost is to be submitted in the shape of bank draft in favour of the ZSS Non NRHM Fund, Kandhamal from any Nationalized / Scheduled Bank payable at Phulbani.
8.	Earnest Money Deposit (EMD) (The approx. no. of equipment is mentioned in the Schedule of requirement – Section IV)	The bidder must submitting the required EMD of Rs. 50,000/-. The Earnest Money Deposit will be paid in the shape of demand Draft only in favour of ZSS Non NRHM Fund, Kandhamal from any Nationalized / Scheduled Bank payable at Phulbani. EMD exemption is not permitted except to local SSI units registered in Odisha only as mentioned in Clause-4.3.


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SECTION -III

TERMS & CONDITIONS

Sealed tenders are invited from the eligible bidders as per the eligibility criteria for supply and installation of 62.5, 45 & 25 KVA AMF DG for ICU & Oxygen generation Plant for DHH, Phulbani of the Kandhamal district.

The bidders have to submit their tenders in separate sealed covers (i.e. **Cover "A"-Technical Bid & Cover "B"- Price Bid**). Both the covers should be put into a third **Cover "C"** which must be super-scribed as **"Tender for "Supply and installation of 62.5, 45 & 25 KVA AMF DG for ICU & Oxygen generation Plant for DHH, Phulbani for the Kandhamal district "** and **Tender Reference No. _____.**

1. **The Cover "A" (Technical Bid) should contain as follows:**

- 1) Checklist with details of the documents enclosed in **Cover "A"** (as per **Annexure - I**) with page number. The document should be *serially arranged* as per this **Annexure - I** and should be securely tied and bound.
- 2) Manufacturing unit / supplier, who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization, is not eligible to participate in the tender for that item during the period of blacklisting. They should submit a declaration about this by a **Notary Public**.
- 3) EMD of **Rs.50,000/-** (Rupees Fifty Thousand only - Refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.
- 4) Tender Paper Cost **Rs.3,000/-** (Rupees Three Thousand only – Non-refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.
- 5) List of Item (s) Quoted individually in the prescribed format (**Annexure – II**).
- 6) Copy of organization PAN.
- 7) Copy of organization Income Tax Return Acknowledgement for the (**Assessment Year 2018-19, 2019-20 & 2020-21**)
- 8) Photo copy of the audited financial statement for the last three financial year i.e. **2017-18, 2018-19 & 2019-20.**


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- 9) Photocopy of the GST registration certificate & GST Return Copy (GSTR-3B) of last 3 months (i.e. **January to March of 2021**) for Regular Dealer & GSTR-4 of last Quarter (i.e. **January to March 2021**) for Composition Dealer.
- 10) The manufacturer / supplier should have 3 years market standing in supplying DG set to Govt./Corporate/PSU Hospitals in India. The copy of purchase order from the user should be furnished in support of the information provided in the market standing statement (item wise).
- 11) Original Copy of Valid Manufacturing License of the manufacturer (s) / Import License by the Importer from the Original Equipment Manufacturer (OEM).
- 12) Copy of valid ISO 9001 Certificate.
- 13) Copy of valid ISI 9001/ CE / BIS / US FDA / IEC certificate.
- 14) All the tender documents should sign by the bidders at the bottom of each page with his official seal duly affixed.
- 15) Leaflet / Technical Brochures of the products / item offered.
- 16) They should quote the rates for individual items inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and exclusive GST (if any) and should submit a self declaration about this.
- 17) They must submit the undertaking that they will supply the stocks **within seven days** after receipt of the Purchase Order from this office.
- 18) Violating the tender terms and conditions & non supply / supply which is not as per technical specification will disqualify the firm to participate in the tender for a period of three (3) years from the date of issue of letter and his E.M.D will be forfeited and no further purchase order will be placed to that firm for that item.
- 19) The supplier shall have a minimum average annual turnover of Rs.1 (one) Crores or more in the last three year financial years i.e. 2017-18, 2018-19 & 2019-20 and copy of the audited financial statement for the last three financial year i.e. 2017-18, 2018-19 & 2019-20.

2. General Condition:

- 1) Eligible bidders should submit their tender documents to the CDM & PHO, Kandhamal through **Speed Post / Registered Post / Courier only on or before 26.05.2021 by 12.00 Noon.**


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- 2) Any tender documents received after the due date & time will be rejected and returned to the sender unopened.
- 3) Violating the tender terms and conditions & non-supply / partially supply / supply, which is not as per technical specification, will be declared as **Blacklisted** and disqualify the firm to participate in any tender of this district for a period of next 03 (three) years from the date of issue of the letter and his E.M.D. will be forfeited.
- 4) Tenders documents should be typewritten or computerized, failing which the bidders will be ineligible for consideration. No further correction will be allowed.

3. Conditions Applicable to LOCAL MSEs / SSIs OF ODISHA:

The MSE / SSI Units of the State of Odisha will be given the following preferences in the tenders provided they produce the following documents as per MSME Development Policy-2009 and IRP - 2007:

- 1) Attested copy of valid manufacturing licence.
- 2) P.M.T Certificate from the Director of Industries, Odisha or General Manager District Industries Centre that it is a MSE / SSI Units of the State of Odisha, provided that MSE / SSI units has not been derecognised by the Govt. for that specified period.
- 3) Local MSEs registered with respective DICs, Khadi, Village, Cottage and Handicraft Industries, OSIC, NSIC shall be exempted from payment of earnest money.
- 4) All other terms & conditions are applicable to the Small Scale Industry Units of the State of Odisha.

4. The Cover "B" (Price Bid) should contain as follows:

- 1) Financial Bid must be submitted in the prescribed format as attached in **Annexure- IV**. No other document should be enclosed in the Financial Bid. The Financial Bid should be sent in a separate sealed cover called **Cover "B" (Price Bid)**.
- 2) The rates should be computerized.
- 3) The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government / DGS&D and the Maximum Retail Price (MRP). The purchaser, at his discretion, will in such case, exercise the right of revising


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the price at any stage so as to confirm to the controlled price or MRP as the case may be deleted.

- 4) The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period.
- 5) If there is difference between figures & words, words will be taken into consideration.

The undersigned reserves the right to reject or cancel any or all the tenders without assigning any reason thereof.


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Annexure-I

CHECK LIST

Sl. No.	List of Tender Documents Submitted	Yes	No	Page No.
1	Cover "A"-Technical Bid			-
2	Cover "B"- Price Bid			-
3	EMD Rs.50,000/- (Rupees Fifty Thousand only - Refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.			
4	Tender Paper Cost Rs.3000/- (Rupees Three Thousand only – Non-refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.			
5	List of Item (s) Quoted in the prescribed format (Annexure – III)			
6	Self attested photocopy of organization PAN.			
7	Copy of organization Income Tax Return Acknowledgement for the (Assessment Year 2018-19, 2019-20 & 2020-21)			
8	Photo copy of the audited financial statement for the last three financial year i.e. 2017-18, 2018-19 & 2019-20.			
9	Self-attested photocopy of the GST registration certificate. Photocopy of the GST registration certificate & GST Return Copy (GSTR-3B) of last 3 months (i.e. January to March 2021) for Regular Dealer & GSTR-4 of last Quarter (i.e. January to March 2021) for Composition Dealer.			
10	Self attested photocopy regarding 3 years market standing in supplying DG Set to Govt./Corporate/PSU Hospitals in India.			
11	Self attested photocopy of valid ISO 9001 certificate.			
12	Self attested photocopy of valid ISI / CE / BIS / US FDA / IEC certificate.			
13	All the tender documents should sign by the bidders at the bottom of each page with his official seal duly affixed.			
14	Leaflet / Technical Brochures of the products / item offered.			
15	Declaration by Notary Public regarding blacklisted of Manufacturer / supplier either by the Tender inviting authority or by any state Govt. or Central Govt. organization as per Annexure-V .			
16	Original copy of Valid Manufacturing License of the manufacturer (s) / Import License by the Importer from the Original Equipment Manufacturer (OEM) as per Annexure-VI .			
16	Self Declaration regarding quote the rates for individual items inclusive of Installation, commissioning & testing and exclusive of GST charges (if any) as per Annexure-VII .			
17	Self Declaration regarding the rate quoted and accepted will be binding on the tenderer for a period of one year from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period as per Annexure-VIII .			
18	Undertaking regarding they will supply the stocks within seven days after receipt of the Purchase Order from this office as per Annexure-IX .			
19	Declaration regarding the supplier shall have a minimum annual average turnover of Rs.1 (one) Crores or more in the last three year financial years i.e. 2017-18, 2018-19 & 2019-20 as per Annexure-X . The bidders shall submit the audited financial statement for the last financial year i.e. 2017-18, 2018-19 & 2019-20 for verification of turnover.			


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Annexure-II

LIST OF ITEMS TO BE TENDERED

Sl. No.	Name of the Items
01	62.5 KVA AMF DG Set.
02	45 KVA AMF DG Set.
03	25 KVA AMF DG Set.


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Annexure- III

LIST OF ITEMS QUOTED

Sl. No.	Tender Quoted Sl. No.	Name of the Item (As per Annexure-II)	Manufacture Name	Make	Model Name	Specification submitted by the Bidders (mention details)
01						

Signature of the Bidder with seal


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Annexure- IV

PRICE BID

Sl. No.	Name of the Item	Make & Model	Unit Price with all accessories including Installation (as per Tender Clause No.-2.16) (both in words and figures)

Signature of the Bidder with seal


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DECLARATION

(Filled by the Notary)

I / We do hereby declare that I / We have **not been de-recognized / black listed** by the Tender inviting authority or by any state Govt. or Central Govt. organization for supply of **Not of Standard Quality Items / non-supply.**

I / We agreed that the Tender Inviting Authority can forfeit the Earnest Money Deposit and blacklist me / us for a period of 3 years if, any information furnished by me / us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

Seal & Signature of the Notary


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MANUFACTURER'S AUTHORISATION FORM

*(to be submitted by authorized distributor/importers in a **letterhead** in case the bidder is the authorized distributor/importer of OEM)*

No.

Dated:

To

The Chief District Medical & Public Health Officer,
Kandhamal, Phulbani, Odisha

Dear Sir / Madam,

Bid Reference No. :
Equipment Name :

We (name of the OEM) are the original manufacturers of the above equipment having registered office at (full address with telephone number/fax number & email ID and website), do hereby authorize (Name and address of bidder) as suppliers (Importer / Distributor) to submit bids, and subsequently negotiate and sign the contract with you against the above bid no..

No company or firm or individual other than are authorized to bid, negotiate and conclude the contract in regard to this business against this specific bid reference no.

We also hereby undertake to provide full guarantee/warrantee /CMC/AMC as agreed by the bidder in the event the bidder is changed as the dealers or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive warranty/CMC/AMC and to supply all the spares/reagents / consumables for 6 years.

We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments bided within the stipulated time.

(Name)

for and on behalf of M/s. _____

(Name of manufacturers)

Date:

Place:

Seal

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

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DECLARATION

(Filled by the Bidder)

I / We do hereby declare that I / We have quoted the rates for individual item inclusive of freight, Installation, Commissioning & testing and exclusive GST (if any).

Signature of the Bidder with seal


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DECLARATION

(Filled by the Bidder)

I / We do hereby declare that the rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period, otherwise the Tender Inviting Authority can **forfeit the Earnest Money Deposit and blacklist me / us for a period of next 3 years.**

Signature of the Bidder with seal


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DECLARATION

(Filled by the Bidder)

I / We do hereby declare that I / We supply the stocks **within 07 days** after receipt of the Purchase Order from the Tender Inviting Authority.

I / We agreed that the Tender Inviting Authority can **forfeit the Earnest Money Deposit and blacklist me / us for a period of next 3 years for non-supply / part supply** of the stocks within the time period.

Signature of the Bidder with seal


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ANNUAL AVERAGE TURN OVER STATEMENT
(To be furnished in the letter head of the Chartered Accountant)

The Annual Turnover of M/s for the last 3 financial years are given below and certified that the statement is true and correct.

Sl. No.	Financial Year	Turnover in Crore (Rs.)
01	2017-18	
02	2018-19	
03	2019-20	
Average Annual Turnover in Crore (Rs.)		

Date: _____ Signature of Chartered Accountant

Place: _____ (Name in Capital)

Seal Membership No.- _____

Note:

- 1) To be issued in the letter head of the Chartered Accountant with membership No.
- 2) Also attach photocopies of the audited P/L account of each year highlighting the turnover in support of that.


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TECHNICAL SPECIFICATION OF THE ITEMS (Annexure - XI)

Specification of 25 KVA Genset

Sl. No.	Specification	Value
1	Nominal Rated Capacity (KVA)	25
2	No of Phase	Three Phase
3	Type of Engine cooling	Liquid Cooled
4	Rated RPM of Engine (RPM)	1500
5	Fuel	High Speed Diesel (HSD)
6	Overload capacity	Engine is capable of delivering an output of 10% in excess of rated KVA for a period of one hour in any period of 12 hours continuous running
7	Class of governer	A1
8	Alternator Voltage Rating	415 Volt, 50 Hz
9	Rating of AC Generator (KVA)	25
10	Power Factor of AC generator	0.8 lagging
11	Efficiency at rated Power factor at 75% of full Load	Minimum 90 percent
12	Conformity to Indian Standard (for Alternator)	Generally conforming to IS:13364 (Part-2) latest (Above 20 KVA)
13	Type of alternator	Brushless
14	Voltage Regulation Grade	VG 3
15	Alternator IP Rating	IP 22
16	Class of Insulation	H
17	Control Panel	AMF Control Panel
18	IP Rating of Control Panel	IP 53
19	Battery capacity (Ah)	Minimum 100Ah
20	No of batteries	1
21	Fuel Tank Capacity	50 liter Minimum
22	Warranty on Complete power genertor/DG Set	36 months
23	Number of preventive maintenance visits offered in an year during warranty period (Supply of all consumables is the buyer's responsibility)*	Minimum 3 visits in a year
24	Availability of Test report (Certificates required as per CPCB,Govt Lab,NABL accredited lab)	Mandatory
	Supply, Installation, Testing & Commissioning	Included in the scope of Supplier
25	Installation	<p>1) Installation is inclusive in the scope of supply and shall be done by the seller. The installation work of Power Generator and its constituent parts shall be generally conforming to CPWD General Specification for Electrical Works, Part - VII - latest. Foundation shall be of PCC type with the ratio of 4:2:1. The length and breadth of the foundation shall be as per the requirement. All the materials / labour required for foundation work shall be supplied by the seller.</p> <p>2)Supply, laying and termination of interconnecting power and control cable shall be done by the seller. The cable supplied shall be ISI marked heavy duty PVC insulated, armoured cable suitable for rated voltage upto and including 1100 volts and conforming to IS. Power cable of size minimum 16 sq mm, 3.5 core supplied by the seller shall be within 60 metres (2 run) for Power Generator with AMF control panel.</p> <p>3)All the materials / labour required for construction of earthing station shall be supplied by the seller. The total number of earthing pits/stations shall be 4, i.e., 2 for neutral and 2 for body-earthing. Netutral earthing shall be done with copper Plate and Body earthing shall be done with G.I. plate / Copper. The consignee should choose installation site in such a way that the earthing stations can be made within 10 metres of the Power Generator. Earthing station shall be typically constructed as per prevalent standard practice</p>

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Specification of 45 KVA

Sl. No.	Specification	Value
1	Nominal Rated Capacity (KVA)	45
2	No of Phase	Three Phase
3	Type of Engine cooling	Liquid Cooled
4	Rated RPM of Engine (RPM)	1500
5	Fuel	High Speed Diesel (HSD)
6	Overload capacity	Engine is capable of delivering an output of 10% in excess of rated KVA for a period of one hour in any period of 12 hours continuous running
7	Class of governer	A1
8	Alternator Voltage Rating	415 Volt, 50 Hz
9	Rating of AC Generator (KVA)	45
10	Power Factor of AC generator	0.8 lagging
11	Efficiency at rated Power factor at 75% of full Load	Minimum 90 percent
12	Conformity to Indian Standard (for Alternator)	Generally conforming to IS:13364 (Part-2) latest (Above 20 KVA)
13	Type of alternator	Brushless
14	Voltage Regulation Grade	VG 3
15	Alternator IP Rating	IP 23
16	Class of Insulation	H
17	Control Panel	AMF Control Panel
18	IP Rating of Control Panel	IP 53
19	Battery capacity (Ah)	Minimum 90AH
20	No of batteries	1
21	Fuel Tank Capacity	100 liter Minimum
22	Warranty on Complete power genertor/DG Set	36 months
23	Number of preventive maintenance visits offered in an year during warranty period (Supply of all consumables is the buyer's responsibility)*	Minimum 3 visits in a year
24	Availablity of Test report (Certificates required as per CPCB,Govt Lab,NABL accredited lab)	Mandatory
25	Supply, Installation, Testing & Commissioning	Included in the scope of Supplier
25	Installation	<p>1) Installation is inclusive in the scope of supply and shall be done by the supplier. The installation work of Power Generator and its constituent parts shall be generally conforming to CPWD General Specification for Electrical Works, Part - VII - latest. Foundation shall be of PCC type with the ratio of 4:2:1. The length and breadth of the foundation shall be as per the requirement. All the materials / labour required for foundation work shall be supplied.</p> <p>2)Supply, laying and termination of interconnecting power and control cable shall be done. The cable supplied shall be ISI marked heavy duty PVC insulated, armoured cable suitable for rated voltage upto and including 1100 volts and conforming to IS. Power cable of size minimum 70 sq mm, 3.5 core supplied shall be within 60 metres (2 run) for Power Generator with AMF control panel.</p> <p>3)All the materials / labour required for construction of earthing station shall be supplied. The total number of earthing pits/stations shall be 4, i.e., 2 for neutral and 2 for body-earthing. Netutral earthing shall be done with copper Plate and Body earthing shall be done with G.I. plate / Copper. The consignee should choose installation site in such a way that the earthing stations can be made within 10 metres of the Power Generator. Earthing station shall be typically constructed as per prevalent standard practice</p>


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Specification of 62.5 KVA

Sl. No.	Specification	Value
1	Nominal Rated Capacity (KVA)	62.5
2	No of Phase	Three Phase
3	Type of Engine cooling	Liquid Cooled
4	Rated RPM of Engine (RPM)	1500
5	Fuel	High Speed Diesel (HSD)
6	Overload capacity	Engine is capable of delivering an output of 10% in excess of rated KVA for a period of one hour in any period of 12 hours continuous running
7	Class of governor	A1
8	Alternator Voltage Rating	415 Volt, 50 Hz
9	Rating of AC Generator (KVA)	62.5
10	Power Factor of AC generator	0.8 lagging
11	Efficiency at rated Power factor at 75% of full Load	Minimum 90 percent
12	Conformity to Indian Standard (for Alternator)	Generally conforming to IS:13364 (Part-2) latest (Above 20 KVA)
13	Type of alternator	Brushless
14	Voltage Regulation Grade	VG 3
15	Alternator IP Rating	IP 23
16	Class of Insulation	H
17	Control Panel	AMF Control Panel
18	IP Rating of Control Panel	IP 53
19	Battery capacity (Ah)	Minimum 100Ah
20	No of batteries	1
21	Fuel Tank Capacity	150 liter Minimum
22	Warranty on Complete power genertor/DG Set	36 months
23	Number of preventive maintenance visits offered in an year during warranty period (Supply of all consumables is the buyer's responsibility)*	Minimum 3 visits in a year
24	Availability of Test report (Certificates required as per CPCB,Govt Lab,NABL accredited lab)	Mandatory
25	Supply, Installation, Testing & Commissioning	Included in the scope of Supplier
25	Installation	<p>1) Installation is inclusive in the scope of supply and shall be done by the supplier. The installation work of Power Generator and its constituent parts shall be generally conforming to CPWD General Specification for Electrical Works, Part - VII - latest. Foundation shall be of PCC type with the ratio of 4:2:1. The length and breadth of the foundation shall be as per the requirement. All the materials / labour required for foundation work shall be supplied.</p> <p>2)Supply, laying and termination of interconnecting power and control cable shall be done . The cable supplied shall be ISI marked heavy duty PVC insulated, armoured cable suitable for rated voltage upto and including 1100 volts and conforming to IS. Power cable of size minimum 95 sq mm, 3.5 core supplied shall be within 60 metres (2 run) for Power Generator with AMF control panel.</p> <p>3)All the materials / labour required for construction of earthing station shall be supplied . The total number of earthing pits/stations shall be 4, i.e., 2 for neutral and 2 for body-earthing. Neutral earthing shall be done with copper Plate and Body earthing shall be done with G.I. plate / Copper. The consignee should choose installation site in such a way that the earthing stations can be made within 10 metres of the Power Generator. Earthing station shall be typically constructed as per prevalent standard practice</p>


 Chief District Medical & Public Health Officer
 Kolar