Rajasthan Medical Services Corporation Limited, Jaipur TERMS & CONDITIONS OF BID AND RATE CONTRACT

N.B.:- BIDDER SHOULD READ THESE TERMS & CONDITIONS CAREFULLY AND COMPLY STRICTILY WHILE SUBMITTING THEIR BIDS. IF A BIDDER HAS ANY DOUBT REGARDING THE TERMS & CONDITIONS AND SPECIFICATIONS MENTIONED IN THE BID NOTICE/CATALOGUE, HE SHOULD REFER THESE TO THE M.D., RAJASTHAN MEDICAL SERVICES CORPORATION LIMITED, RAJASTHAN, AND JAIPUR BEFORE SUBMITTING BIDS AND OBTAIN CLARIFICATIONS. THE DECISION OF THE M.D., RAJASTHAN MEDICAL SERVICES CORPORATION LIMITED, RAJASTHAN, JAIPUR SHALL BE FINAL AND BINDING ON THE BIDDER. THE CLAUSES OF TERMS & CONDITIONS ARE AS FOLLOWS:-

A. General terms & conditions:-

- 1. Bids are invited from Indian manufacturers /direct importers.
- 2. E-bid shall be submitted up to 1.00 PM on dated 15.07.2013 as per schedule (col. no. 4) to the E.D. (EPM), Rajasthan Medical Services Corporation Limited, Rajasthan, Jaipur for the supply through rate contract of equipments & instruments.
- 3. The bidder should have average annual turnover as per Table-I, for the preceding three financial years to be eligible to participate in the bid. The minimum average annual turnover for SSI units of Rajasthan shall be Rs 0.50 Crore.
- 4. Supplies shall be made directly by the bidder, and not through its distributors/agents/suppliers. Manufacturer bidder should have permission to manufacture the item quoted as per specification given in the bid from the competent authority.
- 5. Bids shall be submitted to M.D., Rajasthan Medical Services Corporation, Rajasthan, Jaipur through **https://eproc.rajasthan.gov.in** of Govt. of Rajasthan
- 6. The bidder should submit along with the bids the following certificates for the items quoted.
- 7. (i) Bid security, cost of bid document and processing fee shall be deposited through separate prescribed challans (format enclosed in annexure-1) in any branch of the **Punjab National Bank, Account no. 2246002100024414 throughout the country**. The bidder shall submit scanned copy of the challans in the technical Bid (Cover-A).

ΛR

The cost of bid document amounting to Rs. 2000.00 (Rs. 1000.00 for SSI Units of Rajasthan) uploaded on the above website shall be submitted in the form of D.D./Banker's cheque in favour of M.D., RMSCL payable at Jaipur. The bidder is also required to deposit processing fee of Rs. 1000.00 in the form of D.D./Banker's cheque in favour of M.D., RISL payable at Jaipur. The cost of bid document, processing fee and bid security shall be deposited physically in the office of M.D., RMSCL, Jaipur before the last date and time of bid submission.

- (ii) (a) Manufacturer- bidder shall enclosed duly attested photocopy of acknowledgement of EM-II Memorandum/IEM/ Registration of SSI unit for the products duly approved by the licensing authority for every product quoted in the bid. The license, if any, should be renewed up to date.
 - (b) Likewise, SSI manufacturer/bidder shall submit documents relating to the production capacity and properly installed quality control measures at the production site/ unit at the time of bid/agreement, which may be a certificate from NSIC (For micro and small scale industrial units) /MSME (Micro, Small, Medium Enterprises).

- (iii) Firm shall submit copy of the registration with Central Excise Department/ exemption from registration, if applicable, as per provisions of Central Excise Act.
- (iv) In case of imported equipments and instruments self attested photocopy of IEC certificate and permission/authorization for sale from the foreign principal manufacturer.
- (v) Duly attested copy of acknowledgement of EM-II, issued by District Industries Centre with an affidavit as per annexure—J, under rules for preference to industries of Rajasthan, in respect of stores for which they are registered.
- (vi) Duly attested photocopy of BIS certificate, renewed up to date with respective schedule for ISI certification for quoted items, if applicable.
- (vii) Duly attested photocopy of ISO Certificate, if applicable.
- (viii) Dully attested photocopy of BIS/CE/USFDA/certificate from Govt. of India lab or from Govt. of India approved lab for the quoted items, as mentioned in bid catalogue.
- (ix) The average annual turnover statement for preceding three financial years expired on March 31st, duly verified by the C.A. and attested by notary public.
- (x) Copies of annual accounts (Balance Sheet & Profit & Loss statements) certified by the auditors for the preceding three financial years.
- (xi) Duly attested copy of latest Sales Tax/VAT clearance certificate (up to 31.03.2013) from the Commercial Tax Officer of the circle concerned, from where supplies will be affected, shall be submitted.
- (xii) Declaration regarding point of supply with full address in annexure- A.
- (xiii) A combined undertaking/declaration regarding installed manufacturing capacity, that the quoted item model is of latest technology, the item has not become outdated, that the rate quoted is not more than the rate charged from anyone else, that the bidder is not black listed or banned or debarred by central or any state government or its append gages, availability of spare parts and consumables for the quoted equipment for at least 10 years/life of the item, from the date of installation must be submitted on Non-Judicial stamp-paper of Rs. 200/- in prescribed format (Annexure-E), duly notarized for each item quoted in the bid.
 - Bid should not be submitted for the quoted item(s) for which the bidder has been blacklisted/banned/debarred either by bid Inviting Authority or Govt. of Rajasthan or by any other State/Central Govt. and its agencies. This also applies to the bidder for its sister/ allied firm(s)/ unit(s).
- (xiv) The declaration from the bidder regarding its non-conviction, in Annexure-P
- (xv) The bidder should submit a declaration giving details of plant and machinery, staff, production capacity achieved, factory area, etc. on non-judicial stamp paper of Rs. 50/- duly notarized, in enclosed Performa (Annexure-H).

PLEASE ALSO NOTE THAT: -

- (A) All the above mentioned documents must be submitted duly attested by notary public.
- (B) All attested documents must be submitted in Hindi or English language. If the documents are not in Hindi or English, they shall be translated in Hindi or English and attested by authorized translator. Translated copy must be submitted along with copy of original document.
- (C) Other than Sales Tax/VAT clearance certificate, all the above mentioned documents should be under the name and address of the premises where the quoted items are actually manufactured/stored for supply.
- (D) The point of supply should be specified as has been requested in condition no.7(xii) above.
- (E) Bid will be liable for outright rejection if,
 - (i) any rates are disclosed in cover-A, or
 - (ii) any discounts/ special offers are made in cover-A.

- (F) The bidder shall submit the annual accounts (Profit & Loss account & Balance Sheet) and annual turnover statement of the preceding three financial years.
- (G) If the following documents/certificates/requirements are not submitted, the bid will be liable to be declared non responsive:-
 - (i) Cost of bid document, processing fee and bid security,
 - (ii) Manufacturing license/acknowledgment of manufacturing license/EM-II, issued by industries department/DIC/NSIC/ Competent Authority, if any, or import license for Direct Importers along with authorization from foreign principals
 - (iii) Turnover certificate verified by C.A/auditor.
 - (iii) BIS certificate, in case of ISI marked items, if applicable.
 - (iv) Duly signed scanned copy of **Annexure-B or Annexure-N**, as acceptance of terms & conditions.
- 8. Financial Bid duly filled in, as per **Annexure-D**, giving the rates for quoted items should be submitted through the portal **https://eproc.rajasthan.gov.in** (**Format** (**BOQ**). The rate should not be disclosed in the technical bid.

NOTES:-

- (a) If any item in the catalogue have several sizes, lengths, strength and sub-groups etc., rates shall be quoted for each size, length, strength and sub-group in a separate format (Annexure "D"/BOQ).
- (b) **VAT or CST,** as applicable, should be mentioned clearly and separately.
- (c) **VAT or CST,** if exempt, it should be specified in **Annexure 'D'.**
- (d) The bidder, who has quoted with no excise duty in the price schedule and item becomes excisable afterwards at the time of award of contract or later on, bidder firm will be eligible for payment of excise duty, only on production of invoices drawn as per Central Excise Rules.
- (e) C-form shall be issued when the order is placed by RMSCL for charging CST at concessional rate. The invoice should show the concessional rate of CST separately. No VAT is applicable on purchase of medical equipments and instruments made by RMSCL.
- 9. The required amounts towards cost of bid document, bid security and Processing Fee payable to RISL shall be deposited through prescribed challans (format enclosed in Annexure-1) in any branch of the Punjab National Bank, anywhere in the country. Bid security may be submitted physically/deposited in the form of DD/Banker's cheque in the office of MD RMSCL before the last date and time of bid submission. The bidders shall submit scanned copy of the challan/DD/Banker's cheque with the technical bid (Cover-A). All bids received will be opened in the presence of bidders, who choose to be present. Financial bid will be opened only for those bidders, who satisfy the criteria laid down by the corporation on the details furnished by the bidder in technical bid in compliance of terms & conditions of the bid.
- 10. (i) In case of the bid being submitted by a proprietary firm, the bid must be signed by the sole proprietor. In case of a partnership firm, bid must be signed on behalf of the firm by a person authorized, holding a power of attorney in his favour to do so; and in the case of a company, the bid must be signed by an authorized signatory, in the manner laid down in the Articles of Association of the bidder company.
 - (ii) Any change in the constitution of the firm/ company shall be notified forthwith by the bidder/contractor in writing to the M.D., RMSC Ltd., Jaipur and such change shall not relieve any former member of the firm/ company from the liability under the conditions of the bid/contract. No new partner / partners shall be accepted in the firm by the bidder/contractor in respect of the bid/contract unless he/ they agree to

abide by all its terms and conditions and submit a written agreement to this effect with the M.D., Rajasthan Medical Services Corporation Ltd., D-Block, Swasthya Bhawan, C-scheme, Jaipur. The bidder's/contractor's receipt for acknowledgement or date of any new partner subsequently inducted, as above, shall bind all of them and will be a sufficient discharge for any of the purposes of the contract.

11. The hard copy of bid documents shall be filled with ink or typed. The bidder shall sign the bid form at each page and at the end in token of acceptance of all the terms and conditions of the bid and then scanned copy be uploaded on the e-portal https://eproc.rajasthan.gov.in, except the financial bid (BOQ) (Annexure-D).

12. BID SECURITY:

- (i) Bid shall be accompanied with a bid security of Rs. 2,00,000.00 in words Rs. Two Lakh only) for whole bid catalogue. Bids submitted without sufficient bid security will be summarily rejected.
- (ii) The bid security of unsuccessful bidder shall be refunded soon after finalization of the bid. Bidder has to produce a pre stamp receipt as per **Annexure-I** with the bid document.
- (iii) Firms which are registered as micro and SSI Unit of Rajasthan with Commissioner of Industries Rajasthan, shall furnish the amount of bid security of Rs. 50,000/- (Rs. Fifty Thousand only) (For Whole bid Catalogue) in respect of items for which they are registered as such subject to their furnishing attested copy of acknowledgment of EM-II issued by DIC with an affidavit on non-judicial stamp paper worth Rs. 10/- as per annexure-J.
- (iv) The Central Government and Government of Rajasthan Undertakings need not furnish any amount of bid security. However, bid securing declaration shall be submitted.
- (v) The bid security deposit lying with the Corporation in respect of other tenders awaiting approval or rejected or on account of contracts being completed will not be adjusted towards bid security for the fresh tenders. The bid security may, however, be taken into consideration in case tenders are re-invited for the same item.

13. FORFEITURE OF BID SECURITY: -

The bid security will be forfeited if:

- (i) The bidder withdraws or modifies the offer after opening of financial bid but before acceptance of bid,
- (ii) The bidder does not execute the agreement, if any, prescribed within the specified time or extended time by competent authority (on the request of the bidder),
- (iii) The bidder does not deposit the performance security after the supply order is placed/requested for signing the agreement,
- (iv) The bidder fails to commence the supply of the items as per supply order within the time prescribed,
- (v) The bidder fails to submit samples of quoted item on demand,
- (vi) The bidder violates any of the terms & conditions of the bid document.

14. GUARANTEE CLAUSE:-

(i) The Bidder would give guarantee that the goods/stores/articles would continue to conform to the description and quality as specified as per technical specification from the date of delivery/installation of the said goods/stores/articles to be purchased and that notwithstanding the fact that the purchaser may have inspected and/or approved the said goods/stores/articles if during the guarantee period as per technical specification, the said goods/stores/articles be discovered not to conform to the description and quality as afore said/ or have determined and the decision of the purchase officer in that behalf will be final and conclusive the purchaser will be

Entitled to reject the said goods/stores/articles or such portion thereof as may be discovered not to conform to the said description and quality. On such rejection, The goods/stores/ articles will be at the sellers risk and all the provisions relating to rejection of goods, etc., shall apply. The bidder shall, if so called upon to do so replace the goods, etc. or such portion thereof as is rejected by the Purchase Officer, otherwise, the bidder shall pay such damage as may arise by reason of such breach of the condition here in contained. Nothing here in contained shall prejudice any

(ii) In case of machinery and equipment, guarantee will be given as mentioned above. The bidder shall, during the guarantee period, replace parts, if any, and remove the manufacturing defect, if found during the above period so as to make the machinery and equipment operative. The bidder shall also replace machinery and equipment in case it is found defective which cannot be put to operation due to manufacturing defect etc.

other right of the Purchase Officer in that behalf under this contract or otherwise.

(iii) In case of machinery and equipment specified by the Purchase Officer the bidder shall be responsible for carrying out annual maintenance and repairs on the terms & conditions, as may be agreed. The bidder shall also be responsible to ensure adequate and regular supply of spare parts needed for a specific type of machinery and the equipments whether under their annual maintenance and repairs contract or otherwise. In case of change of model he will give sufficient notice to the Purchase Officer who may like to Purchase spare parts from them to maintain the machinery and equipment in perfect condition.

15. MARKING

All non consumable articles (except glass or imported articles) like instruments, equipments and others accessories etc. should bear "GOVERNMENT OF RAJASTHAN" or as mentioned in supply order in English on each without which the supply will not be entertained.

In case, any item supplied by the approved firm does not conform to the required standard, the payment there of, if received by the supplier shall have to be refunded to the indenting officer/M.D., Rajasthan Medical Services Corporation Ltd., Jaipur. The supplier will not have any rightful claim to the payment of cost for substandard supplies which are consumed either in part or whole pending receipt of laboratory test. It may be noted that supply of goods less in weight and volume than those mentioned on the label of the container is an offence and the same will be dealt with in the manner prescribed under rules.

16. COMPARISON OF RATES:

Only net rates should be quoted. No separate free goods or cash discounts should be offered. Rate must be valid for the entire period of the tender and must be offered conforming to the following: -

- (i) (a) Comparison of Rates: In comparing the rates tendered by a firm from outside Rajasthan and those in Rajasthan, but not entitled to price preference under the rules, the element of Central Sales Tax shall be included in the rates of the from outside Rajasthan and VAT or RST shall be excluded. Concessional rate of CST shall be applicable against submission of 'C'-form.
 - (b) While comparing the rates in respect of firms within Rajasthan, the element of Rajasthan VAT or CST shall be excluded.
 - (c) VAT is exempted on medical equipment purchases by RMSC.
- (ii) Delivery should be given to consignees situated at different places in Rajasthan as Directed by M.D., Rajasthan Medical Services Corporation Ltd., Jaipur and rate must be quoted accordingly. The consignee will pay no cartage or transportation charges.

- (iii) Rates must be offered net only against the specified packing of the items. The net rate must be inclusive of all charges by way of packing, forwarding, incidental or transit charge including transit insurance and any other levies or duties etc. charge on the product except *VAT or CST*. If rates are quoted giving any free goods quantity or cash discounts, the same shall not be considered.
- (iv) Only *VAT or CST* and surcharge, if applicable, will be paid over net rate.
- (v) Excise duty or surcharge prevailing on the date of submission of the rate must be included in the net rate and should also be shown separately in Col. 8 of the Financial Bid (**Annexure- D**). In the event of any subsequent variation (increase or decrease) in excise duty, *VAT or CST* by the government (state or central), the same will be admissible accordingly.
- (vi) The rates should be confined as far as possible to the packing units mentioned in the catalogue and different rate for different packing should be avoided. In no case, the rate should be split up showing the cost of any on the component parts of the specified item. If split price are found, the item may be treated as rejected. If the prices of item found same from two for more bidders, then the equivalent bidders shall be asked to submit their financial bid again with reduced prices within given time by RMSC.
- (vii) The rates must be written both in words and figures. In case of discrepancy between the prices quoted in words and in figures, lower of the two shall be considered. There should not be errors or overwriting and corrections, if any, should be made clearly and initialled with dates. Element of the Rajasthan *VAT or CST* or Central Sales Tax should be mentioned separately.
- (viii) The bidder will exercise all due diligence at their own level regarding applicability of other taxes, duties and fees etc. for the unit of supplies as specified in the tender and accordingly include in their quote. Any additional/extra claims over and above the rates agreed pertaining to taxes, duties and fees etc. will not be entertained on account of whatever reasons may be.
- (ix) (A) No paper should be detached from the tender form.
 - (B) The bidder shall sign with seal on every page of the bid form and Terms & Conditions (Annexure-B & N) in token of his acceptance of all the Terms & Conditions of the bid and upload the same along with bid documents. He should also sign at the bottom of each page of the original bid catalogue, Non receipt of terms and conditions duly signed with the bid shall render the bid to be rejected.
- (x) Any change or insertion of any other condition or stipulation in the above terms of supplies are not allowed and if so found, shall render the tender to the rejection without notice.
- (xi) For comparison of rates the average comprehensive annual maintenance charges per year shall be added to the net rate of equipments, if comprehensive annual maintenance is applicable.
- **NOTE:** Specifications in Financial Bid [Annexure-D, (BOQ)] should not be differ from the original tender catalogue specifications, otherwise bid may liable to be rejected.

17. APPLICABILITY OF TAXES:

Only sales tax will be payable whether Rajasthan *VAT or RST* or **CST** depending on the relative station of supply as the case may be. The concessional CST is applicable and VAT is exempted on medical equipment purchases by RMSC

18. SUBMISSION AND RETURN OF SAMPLES & DEMONSTRATIONS:

- (i) Samples must be sent of the quoted items free of cost on demand by RMSC even though the specifications or descriptions etc. are mentioned in the bid form. No sample will be accepted after prescribed period. In the event of non submission of samples within the prescribed period on demand, the bid shall not be considered and bid security shall be forfeited. However, RMSC may grant extension of time for submission of samples on the request of Bidder.
- (ii) Samples of equipments & instrument of the unsuccessful Bidder may be collected back from the E.D. (EPM), RMSC, Jaipur within the period intimated by him. The corporation will not be responsible for any damage, wear and tear of loss during the course of testing examination etc. The corporation for a period of one month would retain sample of approved items after the expiry of contract. The corporation shall not be responsible for any damage, wear & tear or loss in stipulated period. The corporation will not make any arrangement for return of samples even if the Bidder agrees to pay the cost of transportation. The uncollected samples shall stand forfeited to the corporation after the period allowed for collection and no claim for cost etc. shall be entertained.
- (iii) The Bidder may be asked to demonstrate the technique, procedure and utility of equipment as per specification of bid document before the technical committee of corporation at the store of corporation.
- (iv) Samples should be strictly according to the item quoted in the tender form failing which these will not be considered. Such sample must be delivered free of charge to the E.D. (EPM), RMSC, Jaipur, or any authorized/designated officer by M.D. RMSCL to be conveyed while placing order. Sample must be submitted duly sealed and marked suitably either by writing on the sample or on a slip or durable paper securely fastened to the sample with the particulars as mentioned below:-
 - (A) Name and full address of the firm.
 - (B) Catalogue No. and name of item.
 - (C) Name of section.
 - (D) Name of manufacturer
 - (E) Brand
- (v) No change in marking on samples will be allowed after the submission of the sample. Samples should be submitted along with separate challan in triplicate. Samples without challan will not be accepted.

19. PERFORMANCE SECURITY (P.S.) & AGREEMENT:

(i) All firms whose offers are accepted will have to deposit a security amount of 5 % of the total value of the indicative quantity in the tender subject to maximum Rs. 2.00 lacs (Shall remain intact up to order value of Rs. 40.00 lacs) for each item in favour of M.D., Rajasthan Medical Services Corporation Ltd., Jaipur at the time of agreement. The Performance Security shall be deposited in the form of DD/Banker cheque/ B.G. However the minimum amount of Bank Guarantee shall be Rs. 10.00 lacs with a validity period of 30 months. The security amount shall in no case be less than the bid security.

- (ii) The firm may submit Bank Guarantee issued by any scheduled bank. The minimum validity of bank guarantee should be thirty months or up to 6 months after completion of guarantee period of item.
- (iii) The Performance Security shall be 5% of the total value of stores ordered for supply. If the total value of stores supplied by the firm to various consignees as directed by M.D. RMSC Ltd., Jaipur exceeds Rs. 40.00 lacs, the firm shall deposit an additional 5% performance security of value of supply orders exceeding amount to Rs.40.00 lacs to M.D., Rajasthan Medical Services Corporation Ltd., Jaipur. Before ensuring the security deposit, the Purchase Officer will not release payment until the additional Performance Security amount deposited by the suppliers. Additional P.S. shall be estimated/calculated based on the information submitted by firms in statement no. I and II. Supply orders shall only be placed after appropriate deposition or adjustment of P.S. by RMSC.
- (iv) The bid security of successful Bidder will be adjusted toward security deposit. The bidders shall submit scanned copy of the challan/DD/Banker cheque in Technical Bid (Cover-A).
- (v) The security will be refunded after six months from the date of expiry of the contract on satisfactory completion of contract and after satisfying that there are no dues outstanding against the Bidder subject to CMA provisions.
- (vi) Firms which are registered as micro and SSI units with the Department of Industries, Rajasthan shall furnish the amount of security deposit @1% of total value of approximate quantity as per tender catalogue on furnishing attested copy of Acknowledgment of EM-II issued by DIC with an affidavit as per annexure-I. Provision of 17 (ii) also applies.
- (vii) It is to be noted that earlier years bid security and performance security, even if lying in this department shall not be considered towards this contract and therefore fresh bid security/performance security deposit should be furnished.
- (viii) The supply orders shall only be placed after deposition of appropriate amount of Performance Security and its adjustment orders by the Rajasthan Medical Service Corporation.
- (ix) The Corporation will pay no interest on bid security or performance security amount.
- Successful Bidders will have to execute an agreement on a Non Judicial Stamp Paper of Rs. (As mentioned in Offer letter) in the prescribed form with the M.D./ E.D.(EPM), Rajasthan Medical Services Corporation Limited, Jaipur and deposit security for the performance of the contract within 15 days from the date on which the acceptance of the bid, under Registered post, is communicated to him. However, M.D. RMSC Ltd., Jaipur may condone the delay in execution of contract by the Bidder. The expenses of completing and stamping the agreement shall be paid by the Bidder and the Corporation shall be furnished free of charge with one executed stamped counter part of the agreement. The validity of rate contract under this agreement shall be for a period of one year from the day of issuance of Agreement.
 - (xi) The Bidder shall furnish the following documents at the time of execution of agreement:-
 - (i) Attested copy of Partnership Deed in case of Partnership Firms.
 - (ii) Registration Number and year of registration in case partnership firm is registered with Registrar of Firms.

- (xii) Address of residence and office, telephone numbers in case of Sole Proprietorship.
 - (i) Registration issued by Registrar of Companies in case of Company.
 - (ii) Comprehensive maintenance agreement, if applicable.
- (xiii) The M.D., RMSC Ltd., Rajasthan, Jaipur can extend the original rate contract, subject to original Terms and Conditions for a period deemed fit by him, but not exceeding six months, for which the Bidder will have to abide. However, the extension beyond six months can be granted on mutual consent but not beyond one year. The maximum period for a rate contract shall be limited to two years.
- (xiv) In case of breach of any terms and conditions of the contract or on unsatisfactory performance, the amount of performance security deposit shall be liable to forfeiture by M.D. RMSC Ltd., Jaipur and decision of M.D. RMSC Ltd., Jaipur shall be final.
- (xv) Central and Rajasthan State Government Undertakings need not to furnish amount of Security Deposit.
- (xvi) The 25% of total deposited Performance Security amount shall be retained as Performance Security against the security of supplementary Comprehensive Maintenance Agreement (CMA). If there is any default in comprehensive maintenance service the department may forfeit the compensation amount described under different clauses or any other recovery from this Performance Security.
- (xvii) The rate contract can be repudiated at any time by the M.D., RMSC Ltd., Rajasthan, Jaipur if the supplies are not made to his satisfaction after giving an opportunity to the Bidder of being heard and after reasons for repudiation being recorded by him in writing. However, M.D., RMSC may terminate agreement of rate contract at any time without notice/intimation to Bidder/ firm/company in public interest.

20. SUPPLY ORDERS:

- (i) All the supply orders will be placed to the approved bidder only (not Agents/Suppliers/Distributors etc.) by RMSCL or any heads of medical institutions (P.M.O., M.S., C.M.&H.O., etc.) through registered post/e-mail/any communication medium. The date of dispatch of letter or communication date will be treated as the date of order for calculating the period of execution of order. The supplying firms will execute all orders within a period specified in the supply order.
- (ii) In case of imported items 30 days will be given in addition to above mentioned period at condition No. 18 (i) above.
- (iii) The consignee for supplies shall be the M.D. RMSC or the officer in-charge of the any medical institution in the state of Rajasthan, such as M.D., NRHM, Director (PH/ RCH/ HA/ IEC/ Aids/ ESI)/ Principal of Medical Colleges & superintendent of their attached hospitals/CM&HO/PMO/DPC of DDW etc.
- (iv) To ensure sustained supply without any interruption, the M.D., RMSCL reserves the right to fix more than one approved supplier to supply the requirement among the qualified bidders. In such a case, the requirements may be met by dividing be quantity among the R/C holders considering the quantity required and dedicated capacity of the successful bidder.
- (v) The supply commitment (dedicated capacity) given in **Annexure-E** may be considered for placement of supply orders to the firm. The ready stock position of the item, if provided by the firm may be considered by the department for the placement of supply orders.
- (vi) It may be noted that the corporation does not undertake to assist in the procurement of raw material whether imported or controlled as well as restricted and as such the Bidder must offer their rate to supply the specific items from own quota of stock by visualizing the prospect of availability of raw material needed. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.
- (vii) The quantities indicated in the catalogues are mere estimates and are intended to give an idea to the prospective bidder. The figures indicated in the catalogue do not constitute any commitment on the part of corporation to purchase any of the articles in the quantities shown therein against each or in any quantity whatsoever. It is further made clear that the Corporation does not bind itself to purchase all or any quantity mentioned in the catalogue and no objection against the quantity of the indent of approved item being more or less than the approximate quantity will be entertained and shall not be acceptable as a ground for non supply on the quantity indented.

(viii) **Purchase Preference:** - 15% Purchase preference will be given to the goods produced or manufactured by small scale industries of Rajasthan over goods produced or manufactured by Industries outside Rajasthan as per Purchase of Stores (Preference to Industries of Rajasthan) Rules, 1995 and approved by Board. Purchase preference admissible to the PSUs of the state of Rajasthan and to the SSI of the state of Rajasthan, together shall not exceed 25% (10% for PSUs and 15% of SSI units). However, these units will be required to participate in bidding process and match lowest price (L-1).

21. SUBMISSION OF RETURN AND CONTRACT COMPLETION REPORT:-

(a) Submission of Return:

The firm shall furnish statement (**Annexure-K-I**) of supplies made to each consignee (s). Firm shall submit the return to ED EPM, RMSCL immediately after delivery of goods along with copy of bills raised to consignees, preferably duly verified statement by the consignee(s). Please note that non-submission of the statement may result in to delay in payments or withholding of payment.

(b) Submission of Contract Completion Report: -

- (i) A consolidated statement (**Annexure-K-II**) shall be submitted to ED, EPM by the 10th of each month. Every time the statement should contain details of all orders placed under the contract.
- (ii) The consignee should submit the consolidated contract completion report in the prescribed statement (**Annexure-K-II**) against each order to the ED (EPM), RMSC within 30 days of supply/ receipt of material.
- (iii) Firms will have to submit consolidated statement (**Annexure-K-II**) in duplicate at the end of R/C as well as after expiry of material guarantee period (as provided in guarantee clause of the contract) to enable the Corporation to examine the case for refund of performance security money.
- (iv) The consignee shall maintain a register for items supplied and will monitor receipt of material, complaints (if any) of defective material, quantity received quality/performance and submission of completion report to ED EPM, RMSCL within one months of receipt of material.
- (v) The consignee shall intimate the contractor/supplier about the defect(s) at once in such a manner, so as to reach in the office of the firm immediately and before completion of guarantee period. It shall be the responsibility of the consignee to get the complaint of defective material or defective performance registered immediately with the office of ED (EPM), RMSCL/MD, RMSCL. Any delay in taking such action shall be viewed seriously.

22. TERMS OF PAYMENT:-

Payment shall be released provided the item is received duly inspected within the stipulated delivery period at stores in perfect condition and as per specifications. In addition, installation, demonstration of equipment and rendition of required training to the consignee's personnel satisfactorily shall be necessary for releasing payment, whenever required.

In case of delayed supplies, deduction of L.D. charges as per provisions shall be made from payments. The firms shall seek time extension from concerned authority before making delayed dispatch. Unless otherwise agreed between the corporation and the firm, payment for the delivery of the stores will be made on submission of bills in proper form by the firm.

Payment can be made by RTGS or by account payee bank demand draft on request but bank commission charges or any remittance charges shall be borne by the firm. The payment may be made by M.D., RMSC or the concerned indenting officer. Other terms of payment are as given below:

- 1. No advance payments towards cost of items will be made to the bidder.
- 2. All bills/invoices should be raised in triplicate and in the case of excisable items; the bills should be drawn as per Central Excise Rules in the name of the authority concerned. The **Annexure-K-I** shall be attached with bills.
- 3. If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform M.D., RMSCL, Jaipur immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates.
- 4. In case of any enhancement in Excise Duty due to notification of the Government after the date of submission of tenders and during the tender period, the quantum of additional excise duty so levied will be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the tender. For claiming the additional cost on account of the increase in Excise Duty, the bidder should produce a letter from the concerned Excise authorities for having paid additional Excise Duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if there is any reduction in the rate of excise duty of items, as notified by the Government, after the date of submission of tender, the quantum of the price to the extent of reduction of excise duty of items will be deducted without any change in the basic price structure of the items approved under the bidder.
- 5. In case of successful bidder has been enjoying excise duty exemption on any criteria, such bidder will not be allowed to claim excise duty at later point of time during the tenure of contract, if the excise duty become chargeable on goods manufactured due to any reason.

23. LIQUIDATED DAMAGES:

- (i) The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from the Purchasing Officers.
- (ii) In case of extension in the delivery period with liquidated damages, recovery of L.D. shall be made at such rates, as given below, of value of stores which the bidder has failed to supply:-
 - (a) Delay up to one- fourth period of the prescribed Delivery Period 2.5%
 - (b) Delay exceeding one fourth but not exceeding half of the Prescribed delivery period 5%
 - (c) Delay exceeding half but not exceeding three- fourth of the Prescribed delivery period 7.5%
 - (d) Delay exceeding three- fourth of the prescribed period -10%
- (iii) Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day.
- (iv) The maximum amount of agreed liquidated damage shall be 10%.
- (v) If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to M.D. RMSC Ltd., Jaipur, for the same immediately on occurrence of the hindrances but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by purchase officer after sanction of extension in delivery period.

- (vi) Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without Liquidated Damage.
- (vii) If the bidder is unable to complete the supply within the specified or extended period, the purchasing officer shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approved from M.D., RMSC Ltd., Jaipur. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder.

The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made under the Rajasthan Public Demand Recovery Act 1952 or any other law for the time being in force. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders with in fifteen days from the date of dispatch of order, failing which the purchasing officers will be at liberty to initiate action to purchase the items on risk purchase system at the expiry of the prescribed supply period, after taking approval from M.D., RMSC Ltd., Jaipur

24. MEDICAL COLLEGES AND THEIR ATTACHED HOSPITALS:-

- (i) The following medical colleges and their attached hospitals may place purchase orders only after specific authorization by the RMSCL:
 - a. S.M.S. medical college, Jaipur and attached hospitals.
 - b. Dr. S.N. Medical College, Jodhpur and attached hospitals.
 - c. Government Medical College, Kota and attached hospitals.
 - d. Jawaharlal Nehru Medical College, Ajmer and attached hospitals.
 - e. RNT Medical College, Udaipur and attached hospitals.
 - f. Sardar Patel Medical College, Bikaner and attached hospitals.
- (ii) The concerned Principals and Superintendents are required to obtain additional Performance Security or obtain Performance Security adjustment order for their demands and authorization from M.D, RMSC Jaipur, for placement of supply orders as per their requirement.

25. RECOVERIES:-

(i) Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinarily be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with the corporation. In case recovery is not possible, recourse will be taken under Rajasthan PDR Act or any other law in force.

Signature of Bidder with seal

(ii) Any recovery on account of L.D. charges/risk & cost charges in respect of previous rate contracts/supply orders placed on them by the corporation can also be recovered from any sum accrued against this tender after accounting for untied sum or due payment lying with corporation against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with corporation but decision of M.D., RMSC Ltd., Jaipur regarding authenticity of sum payable shall be final.

26. INSPECTION:-

- (i) The material will be supplied according to specification provided at Annexure 'C' and shall be inspected by the agency/committee as mentioned in the supply order or amended thereafter by competent authority. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The inspection and testing of the material may be got done by any Inspecting agency at the works of the Manufacturer or at site of installation. The supplier shall provide all facilities for inspection/testing free of cost.
- (ii) Notwithstanding the fact that the authorized inspecting agency had inspected and/or has approved the stores/articles, the purchase officer or his duly authorized Expert/Doctor, not below the rank of Medical officer/ Accountant, shall inspect the material as soon as it is received in the stores to ensure that the material is in accordance with the specifications laid down in rate contract on the basis of physical inspection such as followings including test reports submitted by concerned supplier/inspection agency.
- (iii) In case of doubts in any specific test, same may be got conducted in any laboratory as per guide lines issued by rate contract concluding authority. If the material is found below specification or defective, he will not accept the material and shall notify the defects to the firm and inspecting agency within 15 days. He shall also simultaneously ask the firm for removal of defect/replacement or refund of its cost as the case may be. The firm shall be bound to replace the defective material after inspection or remove defects in the goods within one month of receipt of intimation from the consignees. However the date of delivery, in case of defective material, where payment has not been made shall be taken as the date on which the corporation accepts the material after replacement of defective material/removal of defects as the case may be. Wherever defective material is to be replaced it shall be inspected by Committee/ Inspection Agency. Charges of such re-inspection shall be borne by as per agreement with inspection agency/supplier.
- (iv) If required, the consignee may refer inspection committee to match the specification with available reserved sample with the corporation which is submitted by the firm/supplier at the time of technical approval.
- (v) The firm shall ensure that only the material inspected by the Inspection Agency is dispatched to the consignee. In case any un-inspected material has been found in the material received by consignee, the firm shall be solely responsible for it and the department shall be free to take suitable necessary action as per terms and conditions of tender documents/agreement against the firm for such irregularity.

27. PACKING & INSURANCE:

(i) The good will be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather of otherwise in any situation. The insurance charges will have to be borne by the supplier and the department shall not be required to pay any such charges, if incurred.

- (ii) The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by Sea, Rail, Road or Air and delivery of material in good condition to the Purchase Officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the Checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its agent to verify any damage or loss discovered at the consignee's store, if it so likes.
- (ii) Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the corporation and the same shall not be returned to him.

(iii) PACKING SPECIFICATIONS:

I. Schedule For Packaging-General Specifications

- 1. No corrugate package should weigh more than 15 kgs (ie, product + inner carton + corrugated box.)
- 2. All Corrugated boxed should be of 'A' grade paper i.e., Virgin.
- 3. All items should be packed only in first hand boxes only.
- 4. **Flute:** The corrugated boxes should be of narrow flute.
- 5. **Joint:** Every box should be preferably single joint and not more than two joints.
- 6. **Stitching:** Every box should be stitched using pairs of metal pins with an interval of two inches between each pair. The boxes should be stitched and not joined using calico at the corners.
- 7. **Flap:** The flaps should uniformly meet but should not overlap each other. The flap when turned by 45-60° should not crack.
- 8. **Tape:** Every box should be sealed with gum tape running along the top and lower opening.
- 9. **Carry Strap:** Every box should be strapped with two parallel nylon carry straps (they should intersect).
- 10. **Label:** Every corrugated box should carry a large outer label at least 15cms. 10cms dimension clearly indicated that the product is for "Rajasthan Govt. Supply Not For Sale" and it should carry the correct technical name, strength or the product, date of manufacturing, date of expiry, quantity packed and net weight of the box in bold letters as depicted in Enclosure II to Annexure-VI of this document.
- 11. Other: No box should contain mixed products or mixed batches of the same product.

II. Specifications For Chemicals

Not more than 25 kg may be packed in a single bag/carton.

28. REJECTION:

- (i) Articles not as per specification/ or not approved shall be rejected by the department and will have to be replaced by the supplier firm at its own cost within the time limit fixed by the corporation.
- (ii) All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of M.D., RMSC Ltd., Jaipur as to the quality of stores be final and binding upon the Bidder. In case any of the article supplied are not found as per specification or declared sub-standard/spurious, they shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.
- (iii) If, however, due to exigencies of Government work/interest such replacement either in whole or in part is not considered feasible, the prices of such articles will be reduced suitably. In cases where material has been used & some defect are noticed then the firm can be allowed to rectify/replace defects in portion of such defective material. The prices fixed by M.D., RMSC Ltd., Rajasthan Jaipur shall be final.

- (iv) The rejected materials must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.
- (v) No payment shall be made for defective materials. However, if payment has been made, then defective material shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement (provided firm has deposited Security money as per condition no. 20) Joint inspection of defective material may be carried out as required by the corporation. However sample of ISI marked material found defective shall be kept by consignee for reference to BIS.
- (vi) In case firm wants to take back material to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier firm has not received any payment then material be returned to supplier firm for rectification, if then firm has deposited required security deposit as per contract.
- (vii) The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage, the Bidder shall make good the loss and shortage found at the checking of the materials by the consignee. No extra cost on such account shall be admissible.

29. CORRECTION OF ARITHMETIC ERRORS:

Provided that a financial bid is substantially responsive, the procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and.
- (iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to clause (a) and (b) above.

If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

30. PROCURING ENTITY'S RIGHT TO VARY QUANTITY:

- (i) The quantity of equipments originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract.
- (ii) If the RMSCL procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
- (iii) If the Bidder fails to supply the RMSCL shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.

31. DIVIDING QUANTITIES AMONG MORE THAN ONE BIDDER AT (IN CASE OF PROCUREMENT OF GOODS):

As a general rule all the quantities of the subject matter of procurement shall be procured from the bidder, whose bid is accepted. However, when it is considered that the quantity of the subject

matter of procurement to be procured is very large and it may not be in the capacity of the bidder, whose bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the bidder, whose bid is accepted and the second lowest bidder or even more bidders in that order, in a fair, transparent and equitable manner at the rates of the bidder, whose bid is accepted.

32. PARALLEL RATE CONTRACT:

The corporation may also execute parallel rate contract to with more than one firm for each item on the lowest approved prices on the same terms & conditions, if the original lowest one each not in a position to supply material as per department's requirements.

- (i) To ensure sustained supply without any interruption, the Tender Inviting Authority reserves the right to fix more than one supplier to supply the requirement among the qualified Bidders.
- (ii) Orders will be placed with lowest-1 (L-1) firm. However in case of any exigency at the discretion of the Tender Inviting Authority, the orders may also be placed with the other firms, in the ascending order, L-2, L-3 and so on who have matched with the L-1 rates and executed agreement with corporation on same terms & conditions.
- (iii) After the conclusion of Price Bid opening (cover-B) the lowest offer of the Bidder is considered for negotiations and rate arrived after negotiations is declared as L-1 rate and L-1 supplier for an item for which the tender has been invited.
- (iv) The tender who has been declared as L-1 supplier for certain item shall execute necessary agreement for the supply of the tendered quantity of such item as specified in the tender documents on depositing the required amount performance security and on execution of the agreement such Bidder is eligible for the placement of purchase orders.
- (v) RMSC will inform the L-1 rate to the Bidders who had qualified for Price Bid (Cover-B) opening, inviting their consent to match with the L-1 rate for the item/items quoted by them and the Bidders who agree to match L-1 rate, will be considered as Matched L-1.
- (vi) The Bidder, who agrees to match L-1 rate shall furnish the breakup detail (Rate, CST, VAT etc.) of price (L-1 rate).
- (vii) The supplier, on receipt of the purchase orders deems that the purchase orders exceeds the production capacity declared in the tender documents and the delay would occur in executing the order, shall inform the RMSC immediately without loss of time and the purchase orders shall be returned within 7 days from the date of issuing order, failing which the supplier would be deprived from disputing the imposition of liquidated damages, and penalty for the delayed supplies.
- (viii) If the L-1 supplier has failed to supply/ intimated RMSC about his inability/ delay in supply as per the purchase order, the required items within the stipulated time or as the case may be, RMSC may also place purchase orders with the Matched L-1 Bidders for purchase of the items provided such matched L-1 Bidders shall execute necessary agreement indicating the production capacity as specified in the tender document on depositing the required amount. Such Bidder is eligible for the placement of purchase orders for the item quoted by them.
- (ix) Subject to para (vii) above, while RMSC has chosen to place purchase orders with matched L-1 supplier and there are more than one such matched L-1 supplier, then the purchase orders for the requirement of items will be place with L-2 first on matched rates of L-1 and in case L-2 does not have the required capacity than L-3 would be considered on matched L-1 rates and the same order would be followed in case of L-3, L-4 etc.

- (x) The matched L-1 supplier, on placement of purchase orders, will be deemed as L-1 rate supplier for the purpose of the tender and all provisions of the tender document applicable to L-1 rate Bidder will apply mutatis mutandis to the matched L-1 supplier.
- (xi) If the supplier fails to supply the item for the purchase orders, at any point of time, either fully or partly, within the stipulated time, RMSC is at liberty to place purchase orders with other Bidders (in ascending order, viz, L-2, L-3 and so on) at the price offered by then and in such cases the supplier is liable to indemnify RMSC, WITH OUT ANY PROTEST OR DEMUR, for the difference in cost incurred by RMSC and the RMSC is entitled to recover the difference in cost from the amount due/payable to the supplier.
- (xii) The supplier shall supply the entire ordered quantity before the end of 45 days including installation from the date of issue of purchase order at the destinations mentioned in the purchase order, if the above day happened to be a holiday for RMSC, the supply should be completed by 5.00 p.m. on the next working day.
- (xiii) In case of imported items 30 days will be given in addition to above mention period.

33. VALIDITY OF TENDER:

Tenders shall be valid for a period of 90 days from the date of opening of financial bid and may be extended for further 90 days with mutual consent of firms.

34. PRICE ESCALATION:

Price Escalation or Price Variation shall not be applicable or considered under any circumstances for the purchases made under this tender or agreement. However, the provisions provided for tax variations are exclusive to this clause.

35. SUBLETTING OF CONTRACT:

Subletting or assigning contract to third party is prohibited. In the event of Bidder violating this condition, the M.D., Rajasthan Medical Services Corporation, Jaipur shall be at liberty to place the contract elsewhere on the Bidder's account and at his risk. The Bidder shall be liable for any loss or damage, which the Government may sustain in consequence or arising out of such replacement of the contract.

36. FALL CLAUSE:-

The prices charged for the Store supplies under the contract by successful Bidder shall in no event exceed the lowest price at which the successful Bidder sells the stores of identical description to any other persons during the period of the contract. If any time, during the period of the contract, the Bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the M.D., RMSCL, Jaipur and the price payable under the contract of the stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.

37. COMPREHENSIVE MAINTENANCE AGREEMENT (CMA):-

If required, firm shall execute a CMA with the RMSC as described in **Annexure-L** and guarantee clause. The rates for maintenance shall be applicable as quoted in **[Annexure-D, (BOQ)].** CMA will only be commence after the guarantee period and on a written request made by the concerned purchase officer to the firm. The firm shall abide itself by the terms & conditions of CMA.

38. GRIEVANCE REDRESSAL DURING PROCUREMENT PROCESS:

- (1) The Designation and address of the First Appellate Authority is The Secretary, Department of Medical & Health (MD, NRHM), or as decided by the Govt. of Rajasthan.
- (2) The Designation and address of the Second Appellate Authority is Principal Secretary, Medical, Health & Family Welfare, Govt. of Rajasthan and Chairman, RMSCL, or as decided by the Govt. of Rajasthan.

(i) Filling an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules of the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or ground on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (ii) The Officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.
- (iii) If the officer designated under Para (1) fails to dispose of the appeal filed within the period specified in Para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in Para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(iv) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of procurement;
- (b) Provision limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.

(v) Form of Appeal

- (a) An appeal under Para (1) or (3) above shall be in the Form (Annexure-O) along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.

(c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorised representative.

(vi) Fee for filling appeal

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(vii) Procedure for disposal of appeal

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filling of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall,-
 - (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties free of cost.
- (d) The order passed under sub-clause (c) above shall be placed on the State Public procurement Portal.

39. COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST:

Any person participating in a procurement process shall-

- Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b) Not misrepresent or omit misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c) Not indulge in any collusion, Bid rigging or any-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- d) Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any part or to its property to influence the procurement process;
- f) Not obstruct any investigation or audit of a procurement process;
- g) Disclose conflict of interest, if any; and
- h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of interest is considered to be a situation in which a party has inter4ests that could

improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- I. A Bidder may be considered to be in Conflict of interest with one or more parties in bidding process if, including but not limited to:
 - a. Have controlling partners/shareholders in common; or
 - b. Receive or have received any direct or indirect subsidy from any of them; or
 - c. Have the same legal representative for purposes of the Bid; or
 - d. Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e. The Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
 - f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the Goods, Works or Services that are the subject of the Bid; or
 - g. Bidder or any of its affiliates has been hired (or is proposed to be hired0 by the Procuring Entity as engineer-in0chage/ consultant for the contract.
- **40.** (i) Bidder are requested to send with bid, printed descriptive literature of the quoted items.
 - (ii) If Bidder supplied to or have Rate contract of quoted items with any other Govt. institutions within one year, he should provide copies of purchase orders, invoices and rate contract, if asked for.
- 41. All correspondence in this connection should be addressed to the M.D, RMSCL/ E.D. (EPM), RMSCL, D-Block, Swasthya Bhawan, Tilak Marg,C-Scheme, Jaipur-302005, Rajasthan. Technical questions should be referred to the M.D., RMSCL, Jaipur direct by correspondence or by personal contact.
- **42.** (i) Direct or indirect canvassing on the part of Bidders or their representative shall disqualify their tenders.
 - (ii) Supplier may be disqualified, banned or suspended from business during the rate contract, if:-
 - (a) fails to execute a contract or fails to execute it satisfactorily;
 - (b) no longer has the technical staff or equipment considered necessary;
 - (c) is declared bankrupt or insolvent or its financial position has become unsound, and in the case of a limited company, it is wound-up or taken into liquidation;
 - (d) the firm is suspected to be doubtful loyalty to state.
 - (e) the State Bureau of Investigation or any other investigating agency recommends such a course in respect of a case under investigation .
 - (f) M.D., RMSCL, Rajasthan, Jaipur is prima- facie of the view that the firm is guilty of an offence involving moral turpitude in relation to business dealings, which if established would result in business dealing with it banned.
- 43. No Action on the letter head of the Bidder /firm regarding any complaints against the Corporation will be taken unless the letter head bears the signature of the Bidder or the Authority higher than the bid signatory of the firm.
- **44.** (i) Any certificate/documents/information submitted by the Bidder found to be false/forged/fabricated etc. than bidder shall be liable for the appropriate legal action along with disqualification, banning, suspension etc. etc. for limited or unlimited period.

- (ii) Bidders are required to submit wanted information (if any) based on the facts. If the furnished information by the firm found to misleading or not based on facts disciplinary action against the firm may be taken as to banning concerned item/items for certain or uncertain period.
- 45. The Corporation reserves the right to accept any tender not necessarily the lowest. Corporation may reject any tender without assigning any reasons and accept tender for all or anyone or more of the articles for which Bidder has been given or distribute items of stores to more than one firm/supplier.
- 46. The Purchase Committee will have the right of rejection of all or any of the quotations without giving any reason for the same. The right to conclude parallel rate contracts with another firm for the stores detailed in this catalogue is also reserved by the M.D., RMSC Ltd., Rajasthan, Jaipur.
- **47.** Extra stipulation or any other condition contrary to the above Tender conditions are not acceptable and may render the tender liable to rejection.
- 48. The Bidder must sign all the pages of tender document at the below of Terms & Conditions agreeing to abide by all conditions of the tender and accept them in toto. The Signing of Annexure-N Shall be treated as acceptance all the terms and conditions of the Tender Document.
- **49.** The Purchase Committee of RMSC may relax or change/ modification in terms and conditions in the exigency excluding fundamental changes. In case of such urgency the Terms & Conditions shall be got approved from Purchase committee/Board of Directors of RMSC.
- **50. JURISDICTION:-** All actions, legal proceedings and suits arising from or connected to this tender shall be subject to the exclusive jurisdiction of courts in Jaipur only.
- **51. APPLICABILITY OF CLAUSES:-** All the clauses from 1 to 50 and their annexures, formats & enclosures are applicable for the tendered items.

Managing Director
Rajasthan Medical Services Corporation
Limited
Rajasthan, Jaipur.

I/We have read the above terms and conditions and I/We agree to abide myself/ourselves by the above terms & conditions of the tender document.

Signature of Bidder with Seal

B. Special Terms and conditions:-

- 1. Technical details, Tender form duly signed in all respect, Earnest Money and all other required Documents should be submitted in Cover "A" and Financial details (BOQ), should be submitted in Cover "B" otherwise tender will not be considered.
- 2. Pre-requisite if any for installation, including UPS, Computer, Printer, and other items should be provided by the firm in technical bid and financial bid respectively.
- 3. Comprehensive Guarantee period with spare parts for as mentioned in technical specification (from the date of installation/demonstration). Acceptance of Comprehensive annual maintenance Agreement as mentioned in technical specification after Expiry of Comprehensive Guarantee period should be submitted with the cover" A" and Rates in cover "B" respectively.
- 4. Conditional tenders will not be considered.
- 5. List of consumable items is to be provided in technical bid which is not covered under the guarantee period otherwise all the consumable will be treated as spare parts covered under the guarantee.
- 6. Transhipment will be permitted and partial shipment not allowed.
- 7. Payment will be released after installation, demonstration of machine& training satisfactorily.
- 8. The bidder should quote rates in Indian rupees and payment will be made in Indian rupees. (INR) only.
- 9. All certificates should be valid on the date of submission of tender & issuing of supply order.
- 10. The bidder should have well equipped local service centre in India preferably in Rajasthan.
- 11. The bidder shall be a Manufacturer/Direct Importer who must have manufactured/ Imported and supplied and installed satisfactorily quoted item in India to the extent of at least 10% in last three financial years (2010-11 to 2012-13) of the quantity specified in the NIB. The list of such installation of the quoted equipments may be asked from the bidder in verification of Annexure-G information and he should submitted self attested copy of purchase order, Indent and invoice (Inclusive of Quantity & Rate). However, the condition of past performance for the quoted item is not applicable for the ISI Marked Items.
- 12. **In case of imported item :**The bidder will have to produce third party inspection report from NABL approved lab or ERTL or DGS&D or Govt. of India lab or Govt. of India approved lab pertaining to specification and performance of each supplied machine with the consignment. All expenses regarding third party inspection will be borne by the bidder.
- 13. The name & make of articles which are offered should be mentioned against each item of the catalogue. Mere indication of English/USA/Indian will not serve the purpose.
- 14. In the case of supply of imported item the suppliers shall furnish a certificate along with the bill to effect that the firm has completed all the formalities in connection with the import.

I/We have read the above terms and conditions and I/We agree to abide by the same.

Signature of Bidder with Seal



राजस्थान चिकित्सा सेवा निगम

स्वास्थ्य भवन,सी-स्कीम, जयपूर

फोन नः 0141-2223887, फैक्स नः 0141-2228065

Existing Condition/ Technical Specification

ई-मेल: rmsc@nic.in

क्रमांक : F-8 (M-3/)/RMSC/EPM/12-14/NIT-29/2013/ उप्र

दिनांकः (% - 6 - 20) 7

CORRIGENDUM

Subject: -

S.

No.

Amended technical Specifications and other conditions of Bid document for the procurement of Diesel Generator Set under NIT No. F-8()RMSC/ EPM/M-3/ D.G. Set./13-14/NIT-29/13/258 Dated: 10.06.2013 opening on dated 15.07.2013

Sr.

In Reference to above sited subject and NIT, The Technical Specification of items (Annexure-c) are here by Amended as below.

1	Technical Specifications 50 KVA Silent Diesel Generator Set					
	Sv					
No	Specifications					
	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 2.0 mmCRCA sheet steel (structure) with side wall fabricated from 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, canopy fixed with axial flow fan, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure , visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated-50 KVA at 0.8 pf 415V 50Hz 3-6					

Amended Condition/RevisedTechnical Specification

Technical Specifications 50 KVA Silent Diesel Generator Set

Specifications

No.	Specifications
1	Supply, Installation, Testing & Commissioning of
	Silent DG Set complete with 1500 RPM Diesel
	Engine of suitable BHP & AC Brush less SPDP
	Alternator mounted on a common base Frame &
	coupled through a flexible coupling or close
	coupled. Alternator shall be self regulated with standard Alternator Protection(Over voltage,
	over speed & under voltage, under speed warning
	& shutdown). Engine shall have residential
	silencer, up to 3 M exhaust piping, electronic /
	Mechanical governor, Manual & electric Start
	,Batteries, Engine instruments panel, AVM and
	with Weatherproof, powder coated Accoustic
	enclosure for DG set for sound attenuation
	fabricated from 2.0 mmCRCA sheet steel
	(structure) with side wall fabricated from 2.0 mm
	CRCA sheet & filled with 100mm thick glass
İ	wool(96Kg/m3)/Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA
	sheet packed with accoustic material, canopy
	fixed with axial flow fan, All doors/ opening are
	sealed with neoprene/EPDN gaskets. The
	enclosure has built in fuel tank, residential
	silencer (isolated from main DG chamber) with
	protection and tripping of DG set
	against temperature of more than 50 degree
	centigrade. All controls for operation of DG set
	are from outside the enclosure with DG control panel having Microprocessor based Genset
	monitoring & control system, MCCB, Ammeter,
	Voltmeter, PF meter, frequency meter, KWH
	meter, Ind.lamps etc. mounted inside enclosure,
	visible and accessible from outside. The enclosure
	should be suitable for following capacity DG sets
	and alternator. Noise level shall be less than 75
	dBA at a distance of 1 Mtrs. duly certified by
	authorised agency etc. complete in all respect of
	following capacity:



			4
2	SITC of Auto main failure (AMF) Panel fabricated		A-Air Cooled & Naturally Aspirated-
	from CRCA sheet steel 2 mmThick, Powder coated		50 KVA at 0.8 pf 415V 50Hz 3-\u00e6
	finish, Engine Start & Stop commands, control Relays	2	SITC of Auto main failure (AMF) Panel
	, selector switches for Ammeter & Voltmeter, Ammeter		fabricated from CRCA sheet steel 2 mmThick,
	& Voltmeter, Control & Power Contactors, Timers,		
			Powder coated finish, Engine Start & Stop
	Electronic Hooter, Visual & Alarm indication for faults,		commands, control Relays, selector switches for
	UPS, operator interface panel complete in all respect	1 1	Ammeter & Voltmeter, Ammeter & Voltmeter,
	suitable for following capacity DG sets:		Control & Power Contactors, Timers, Electronic
	PLC Based:		Hooter ,Visual & Alarm indication for faults,
	50 KVA	!	UPS, operator interface panel complete in all
3	S/F of DG Set Exhaust Piping insulation on 80 mm to	1	respect suitable for following capacity DG sets:
	150 mm Dia, MS Exhaust Pipe		PLC Based:
 	Asbestos rope insulation		50 KVA
4	Rock /Glass wool with 22 g Aluminium cladding		S/F of DG Set Exhaust Piping insulation on 80
	(Density- 96 kg/m3, Thickness-50 mm)]	mm to 150 mm Dia. MS Exhaust Pipe
5	Construction of Plateform of Size 3600 x 1800 x 600	<u> </u>	Asbestos rope insulation
11	mm including earth work ,150 mm thick concreting	4	Rock /Glass wool with 22 g Aluminium cladding
	under masonary wall and C.C. floor, 30 mm thick		(Density- 96 kg/m3, Thickness-50 mm)
	masonary wall as required as per site condition and 75	5	Construction of Plateform of Size 3600 x 1800 x
	mm thick C.C. floor, outer face of wall should be		
	finished with 20 mm thick cement plaster complete		600 mm including earth work ,150 mm thick
			concreting under masonary wall and C.C. floor,
1	with all respect	4	30 mm thick masonary wall as required as per site
6	Plate Earthing as per IS:3043 with copper Earth plate		condition and 75 mm thick C.C. floor, outer face
	of size 600mm x 600mm x 3.0mm by embodying 3 to		of wall should be finished with 20 mm thick
	4 mtr. below the ground level with 25 mm dia. G.I. 'B'		cement plaster complete with all respect
	class watering Pipe including all accessories like nut,	6	Plate Earthing as per IS:3043 with copper Earth
	bolts, reducer, nipple, wire meshed funnel, and C.C.		plate of size 600mm x 600mm x 3.0mm by
	finished chamber covered with hinged type with		embodying 3 to 4 mtr. below the ground level
	locking arrangement C.I. Cover, C.I. Frame of		
	size300mm x 300mm complete with alternate layers of		with 25 mm dia. G.I. 'B' class watering Pipe
			including all accessories like nut, bolts, reducer,
	salt and coke/charcoal, testing of earth resistance as		nipple, wire meshed funnel, and C.C. finished
1	required. 2 Nos.	1 1	chamber covered with hinged type with locking
7	Maintenance free Gel Earthing with Pipe in pipe / Pipe		arrangement C.I. Cover, C.I. Frame of
	in strip technology filled with anti corrosive		size300mm x 300mm complete with alternate
	conductive compound (CPRI Tested) below the		layers of salt and coke/charcoal, testing of earth
	ground in 150 - 200 mm dia. earth pit & surrounding		resistance as required. 2 Nos.
	filled with required mineral filling compound (MFC	7	Maintenance free Gel Earthing with Pipe in pipe
	should have hygroscopic property to retain the moisture		/ Pipe in strip technology filled with anti
	for long time to create low resistance zone) and C.C.		
	finished chamber covered with hinged type with		corrosive conductive compound (CPRI Tested)
			below the ground in 150 - 200 mm dia. earth pit &
	locking arrangement C.I. Cover, C.I. Frame of size		surrounding filled with required mineral filling
	300mm x 300mm complete testing of earth resistance		compound (MFC should have hygroscopic
	as required. of following sizes. 2 Nos.	1	property to retain the moisture for long time to
	With Strip in Pipe Technology with 80 - 100 micron		create low resistance zone) and C.C. finished
	GI Coating] []	chamber covered with hinged type with locking
	GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm		arrangement C.I. Cover, C.I. Frame of size
	x 3 mm copper		300mm x 300mm complete testing of earth
8	S & Laying following size earth wire/strip in horizontal	1	resistance as required. of following sizes. 2 Nos.
	or vertical run in ground/surface/recess including		With Strip in Pipe Technology with 80 - 100
	riveting, soldering, saddles, making connection etc. as		
11			micron GI Coating
	required.		GI pipe 2000 mm long ,63 / 80mm, Inner strip 50
1	20mm x 3mm copper strip. 40 Mtrs.		mm x 3 mm copper
9	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed	8	S & Laying following size earth wire/strip in
	cable of 1.1 KV grade with aluminium conductor of		horizontal or vertical run in ground/surface/recess
	IS:1554 P-I / IS:7098 P - I of Group 1 of approved		including riveting, soldering, saddles, making
	make. The cables laid on surface by means of		connection etc. as required.
	screws.rag bolts,MSU clamps,as per approved spacing.		20mm x 3mm copper strip. 40 Mtrs.
	50.0 Sq.mm 3.5 core (armoured). 40 Mtrs.	9	P/Laying P.V.C. / XLPE insulated & P.V.C.
10	P&F on load change over switch, front handle operated,	"	
10			sheathed cable of 1.1 KV grade with aluminium
	four pole 415 V conforming to IS:13947 P-III including		conductor of IS:1554 P-I / IS :7098 P - I of Group
] [connections, testing etc. as required in the following		1 of approved make. The cables laid on surface
	rating:		by means of screws.rag bolts,MSU clamps,as per
			approved spacing.



With sheet steel enclosure	9
125 A	·

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State pollution control board.
- 3. For which test certificate shall be produced from govt. approved agency.
- 4. On site maintenance of the whole work shall be 5 years from issue of completion certificate/ installation (CMC).
- 5. Complete work shall be carried out by the manufacturer.
- Guarantee shall be given by principal manufacturer of the production the period of 2 years from the date of 1 installation.
- 7. The DG should be minimum BS IV.

2

8. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.

50.0 Sq.mm 3.5 core (armoured). 40 Mtrs. 10 P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating: With sheet steel enclosure 125 A

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State pollution control board.
- 3. For which test certificate shall be produced from govt. approved agency.
- 4. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee (CMC)
- Complete work shall be carried out by the manufacturer.
- 6. Guarantee shall be given by principal imanufacture authorized dealer executing agency of all product and allted installation work for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.
- 8. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.

Technical Specifications 100 KVA Silent Diesel Generator Set

Sr. No.	Specifications
1	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start, Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 2.0 mmCRCA sheet steel (structure) with side wall
	fabricated from 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/Foam. as per 18 8183 the doors of 100 mm thick and fabricate from 1.6mm CRCA sheet packed with accoustic material, canopy fixed with axial flow fan, All doors/ opening are sealed with neoprene/EPDN gasket. The enclosure has built in fuel tank, residential sil nicer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75

<u>Technical Specifications</u> 100 KVA Silent Diesel Generator Set

Sr. No.	Specifications
1	Supply, Installation, Testing & Commissioning of
	Silent DG Set complete with 1500 RPM Diesel
	Engine of suitable BHP & AC Brush less SPDP
	Alternator mounted on a common base Frame &
	coupled through a flexible coupling or close
	coupled. Alterna or shall be self regulated with
	standard Alternator Protection(Over voltage ,
	over speed & under voltage, under speed warning
	& shr down). Engine shall have residential
	sile cer, up to 3 M exhaust piping, electronic /
_	Mechanical governor, Manual & electric Start
	Batteries, Engine instruments panel, AVM and
	with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation
	fabricated from 2.0 mmCRCA sheet steel
	(structure) with side wall fabricated from 2.0 mm
	CRCA sheet & filled with 100mm thick glass
	wool(96Kg/m3)/Foam. as per IS 8183 the doors of
	100 mm thick and fabricated from 1.6mm CRCA
	sheet packed with accoustic material, canopy
	fixed with axial flow fan, All doors/ opening are
	sealed with neoprene/EPDN gaskets. The
	enclosure has built in fuel tank, residential
	silencer (isolated from main DG chamber) with
	protection and tripping of DG set
	against temperature of more than 50 degree
	centigrade. All controls for operation of DG set
	are from outside the enclosure with DG control
	panel having Microprocessor based Genset
	monitoring & control system, MCCB, Ammeter,
	Voltmeter, PF meter, frequency meter, KWH
	meter, Ind.lamps etc. mounted inside enclosure,



					MCB3
\top		dBA at a distance of 1 Mtrs. duly certified by	ĬΤ		visible and accessible from outside. The enclosure
		authorised agency etc. complete in all respect of			should be suitable for following capacity DG sets
		following capacity:			and alternator. Noise level shall be less than 5
		Radiator Cooled & Turbo Charged /AC			dBA at a distance of 1 Mtrs. duly certified by
		100 KVA at 0.8 pf 415V 50Hz 3-ø			authorised agency etc. complete in all respect of
	2	SITC of Auto main failure (AMF) Panel fabricated			following capacity:
		from CRCA sheet steel 2 mmThick, Powder coated			Radiator Cooled & Turbo Charged /AC
		finish, Engine Start & Stop commands, control Relays			100 KVA at 0.8 pf 415V 50Hz 3-ø
		, selector switches for Ammeter & Voltmeter, Ammeter		2	SITC of Auto main failure (AMF) Panel
		& Voltmeter, Control & Power Contactors, Timers,	:	_	fabricated from CRCA sheet ster 2 mmThick,
		Electronic Hooter, Visual & Alarm indication for faults,			Powder coated finish, Engine Start & Stop
		UPS, operator interface panel complete in all respect			commands, control Relays, selector switches for
		suitable for following capacity DG sets:			Ammeter & Voltmeter, An meter & Voltmeter,
		PLC Based:			Control & Power Contactors, Timers, Electronic
İ		100 KVA			Hooter ,Visual & Alam indication for faults,
	3	S/F of DG Set Exhaust Piping insulation on 80 mm to			UPS, operator interface panel complete in all
		150 mm Dia. MS Exhaust Pipe			respect suitable for following capacity DG sets:
ļ		Asbestos rope insulation	l		PLC Based:
	4	Rock /Glass wool with 22 g Aluminium cladding			100 KVA
		(Density- 96 kg/m3, Thickness-50 mm)		3	S/F of DG S/c Exhaust Piping insulation on 80
	5	Construction of Plateform of Size 3600 x 1800 x 600			mm to 150 r m Dia. MS Exhaust Pipe
		mm including earth work ,150 mm thick concreting			Asbestos rope insulation
		under masonary wall and C.C. floor, 30 mm thick		4	Rock /G ass wool with 22 g Aluminium cladding
- [masonary wall as required as per site condition and 75			(Density- 96 kg/m3, Thickness-50 mm)
		mm thick C.C. floor, outer face of wall should be	l	5	Con cruction of Plateform of Size 3600 x 1800 x
		finished with 20 mm thick cement plaster complete			60 mm including earth work ,150 mm thick
		with all respect			oncreting under masonary wall and C.C. floor,
	6	Plate Earthing as per IS:3043 with copper Earth plate	i		30 mm thick masonary wall as required as per site
		of size 600mm x 600mm x 3.0mm by embodying 3 to			condition and 75 mm thick C.C. floor, outer face
		4 mtr. below the ground level with 25 mm dia. G.I. 'B'			of wall should be finished with 20 mm thick
		class watering Pipe including all accessories like nut,			cement plaster complete with all respect
		bolts, reducer, nipple, wire meshed funnel, and C.C.		6	Plate Earthing as per IS:3043 with copper Earth
		finished chamber covered with hinged type with			plate of size 600mm x 600mm x 3.0mm by
		locking arrangement C.I. Cover, C.I. Frame of			embodying 3 to 4 mtr. below the ground level
		size300mm x 300mm complete with alternate layers of			with 25 mm dia. G.I. 'B' class watering Pipe
		salt and coke/charcoal, testing of earth resistance as			including all accessories like nut, bolts, reducer,
		required. 2 Nos.			nipple ,wire meshed funnel, and C.C. finished
	7	Maintenance free Gel Earthing with Pipe in pipe / Pipe			chamber covered with hinged type with locking
		in strip technology filled with anti corrosive			arrangement C.I. Cover, C.I. Frame of
		conductive compound (CPRI Tested) below the			size300mm x 300mm complete with alternate
		ground in 150 - 200 mm dia. earth pit & surrounding			layers of salt and coke/charcoal, testing of earth
		filled with required mineral filling compound (MFC			resistance as required. 2 Nos.
		should have hygroscopic property to r tain the moisture		7	Maintenance free Gel Earthing with Pipe in pipe
		for long time to create low resistance zone) and C.C.			/ Pipe in strip technology filled with anti
		finished chamber covered with hinged type with			corrosive conductive compound (CPRI Tested)
		locking arrangement C.I. Cove, C.I. Frame of size			below the ground in 150 - 200 mm dia. earth pit &
		300mm x 300mm complete t sting of earth resistance			surrounding filled with required mineral filling
		as required. of following sizes. 2 Nos.			compound (MFC should have hygroscopic
		With Strip in Pipe Technology with 80 - 100 micron			property to retain the moisture for long time to
		GI Coating	7		create low resistance zone) and C.C. finished
		GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm			chamber covered with hinged type with locking
	0	x 3 mm copper			arrangement C.I. Cover, C.I. Frame of size
	8	S & Laying following size earth wire/strip in horizontal	t		300mm x 300mm complete testing of earth
		or vertical run in ground/surface/recess including			resistance as required. of following sizes. 2 Nos.
		riveting, soldering, saddles, making connection etc. as			With Strip in Pipe Technology with 80 - 100
		required.			micron GI Coating
		20mm x 3p m copper strip. 40 Mtrs.			GI pipe 2000 mm long ,63 / 80mm, Inner strip 50
	9	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed		8	mm x 3 mm copper S & Laying following size earth wire/strip in
		cable of 1.1 KV grade with aluminium conductor of		0	horizontal or vertical run in ground/surface/recess
		IS:1544 P-I / IS:7098 P - I of Group 1 of approved			including riveting, soldering, saddles, making
		make. The cables laid on surface by means of			connection etc. as required.
		s fews.rag bolts,MSU clamps,as per approved spacing.			
		150.0 Sq.mm 3.5 core (armoured). 40 Mtrs.			20mm x 3mm copper strip. 40 Mtrs.

मुख्यमंत्री निःशुल्क दवा योजना



10	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating:
	With sheet steel enclosure 200 A

- Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State pollution control board.
- 3. For which test certificate shall be produced from govt. approved agency.
- 4. On site maintenance of the whole work shall be 5 years from issue of completion certificate/ installation (CMC).
- 5. Complete work shall be carried out by the manufacturer.
- 6. Guarantee shall be given by principal manufacturer of the product for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.

3

8. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.

9	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS:7098 P - I of Group 1 of approved make. The cables laid on surface by means of screws.rag bolts,MSU clamps as per approved spacing.
10	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating: With sheet steel enclosure

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State pollution corrol board.
- 3. For which test certificate shall be produced from govt. approved agency
- 4. Onsite maintenance of the whole work/product shall be 5 years from completion of guarantee (CMC)
- 5. Complete york shall be carried out by the manufacturer.
- 6. Guarante shall be given by principal manufacturer/authorized dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.

200 A

8. Soucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format

Technical Specifications
125 KVA Silent Diesel Generator Set

Sr. No.	Specifications
1	Supply, Installation, Testing & Commissioning of Ilent
	DG Set complete with 1500 RPM Diesel Engine of
	suitable BHP & AC Brush less SPDP Atternator
	mounted on a common base Frame & coupled through a
	flexible coupling or close coupled. Alternator shall be
	self regulated with standard Alternator Potection (Over
	voltage, over speed & under voltage, under speed
	warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust pioing, electronic /
	Mechanical governor, Manual & Jectric Start, Batteries,
	Engine instruments panel, AVM and with Weatherproof,
	powder coated Accoustic enclusive for DG set for sound
	attenuation fabricated from 2.0 mmCRCA sheet steel
	(structure) with side wall abricated from 2.0 mm CRCA
	sheet & filled ith 100mm thick glass
	wool(96Kg/m3)/Foam as per IS 8183 the doors of 100
	mm thick and fab leated from 1.6mm CRCA sheet
	packed with accordic material, canopy fixed with axial
	flow fan , An doors/ opening are sealed with
	neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG
	chamber) with protection and tripping of DG set
	against temperature of more than 50 degree centigrade.
	All controls for operation of DG set are from outside the
	encl sure with DG control panel having Microprocessor
	based Genset monitoring & control system, MCCB,
	numeter, Voltmeter, PF meter, frequency meter, KWH
	meter, Ind.lamps etc. mounted inside enclosure, visible

<u>Technical Specifications</u>
125 KVA Silent Diesel Generator Set

Sr. No.	Specifications
Sr. No. 1	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection(Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start, Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 2.0 mmCRCA sheet steel (structure) with side wall fabricated from 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/Foam. as per IS 8183 the doors of 100 mm thick and fabricated
	from 1.6mm CRCA sheet packed with accoustic material, canopy fixed with axial flow fan, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are
	from outside the enclosure with DG control panel having Microprocessor based Genset monitoring &



				MCB3
	and accessible from outside. The enclosure should be		Τ	control system, MCCB, Ammeter, Voltmeter, PF
	suitable for following capacity DG sets and alternator.			meter, frequency meter, KWH meter, Ind.lamp
	Noise level shall be less than 75 dBA at a distance of 1			etc. mounted inside enclosure, visible and
	Mtrs. duly certified by authorised agency etc. complete			accessible from outside. The enclosure should be
i I	in all respect of following capacity:			suitable for following capacity DG set and
	Radiator Cooled & Turbo Charged /AC	11		alternator. Noise level shall be less than 77 dBA at
11	125 KVA at 0.8 pf 415V 50Hz 3-ø	11	İ	a distance of 1 Mtrs. duly certified by authorised
$\frac{1}{2}$	SITC of Auto main failure (AMF) Panel fabricated from			agency etc. complete in all respect of following
~	CRCA sheet steel 2 mmThick, Powder coated finish,			capacity:
				Radiator Cooled & Turbo Charged /AC
	Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter			
		11	<u></u>	125 KVA at 0.8 pf 415V 50Hz 3 Ø
	& Voltmeter, Control & Power Contactors, Timers,		2	
	Electronic Hooter, Visual & Alarm indication for faults,			from CRCA sheet steel 2 mmThick, Powder coated finish, Engine Start & Stop commands,
	UPS, operator interface panel complete in all respect			coated finish, Engine Start & Stop commands,
	suitable for following capacity DG sets:	- 1		control Relays, selector switches for Ammeter &
	PLC Based:			Voltmeter, Ammeter & Voltmeter, Control &
	125 KVA	,		Power Contactors, Timers, Electronic Hooter
3	S/F of DG Set Exhaust Piping insulation on 80 mm to	П		,Visual & Alarm indication for faults, UPS,
	150 mm Dia, MS Exhaust Pipe			operator interface panel complete in all respect
	Asbestos rope insulation]		suitable for following capacity DG sets:
4	Rock /Glass wool with 22 g Aluminium cladding			PLC Based:
	(Density- 96 kg/m3, Thickness-50 mm)			125 KVA
5	Construction of Plateform of Size 4200 x 2100 x 600		3	1 5
	mm including earth work ,450 mm thick concreting			to 150 mm Dia. MS Exhaust Pipe
	under masonary wall and C.C. floor, 30 mm thick			Asbestos rope insulation
	masonary wall as required as per site condition and 75		4	Rock /Glass wool with 22 g Aluminium cladding
	mm thick C.C. floor, outer face of wall should be			Density- 96 kg/m3, Thickness-50 mm)
	finished with 20 mm thick cement plaster complete with		5	Construction of Plateform of Size 4200 x 2100 x
	all respect			600 mm including earth work ,450 mm thick
6	Plate Earthing as per IS:3043 with copper Earth plate of			concreting under masonary wall and C.C. floor, 30
	size 600mm x 600mm x 3.0mm by embodying 3 to 4			mm thick masonary wall as required as per site
	mtr. below the ground level with 25 mm dia. G.I. 'B'			condition and 75 mm thick C.C. floor, outer face
	class watering Pipe including all accessories like nut,			of wall should be finished with 20 mm thick
	bolts, reducer, nipple ,wire meshed funnel, and C.C.			cement plaster complete with all respect
	finished chamber covered with hinged type with locking		6	
	arrangement C.I. Cover, C.I. Frame of size300m m x			plate of size 600mm x 600mm x 3.0mm by
	300mm complete with alternate layers of salt and	1		embodying 3 to 4 mtr. below the ground level
	coke/charcoal, testing of earth resistance as required. 2			with 25 mm dia. G.I. 'B' class watering Pipe
	Nos.			including all accessories like nut, bolts, reducer,
7	Maintenance free Gel Earthing with Pipe if pipe / Pipe			nipple ,wire meshed funnel, and C.C. finished
	in strip technology filled with anti corros ve conductive			chamber covered with hinged type with locking
1	compound (CPRI Tested) below the ground in 150 -			arrangement C.I. Cover, C.I. Frame of size300mm
	200 mm dia. earth pit & surrounding faled with required			x 300mm complete with alternate layers of salt and
	mineral filling compound (MFC should have			coke/charcoal, testing of earth resistance as
	hygroscopic property to retain the noisture for long time			required. 2 Nos.
	to create low resistance zone) and C.C. finished		7	
	chamber covered with himseld type with locking		'	Pipe in strip technology filled with anti corrosive
1	arrangement C.I. Cover, C.I. Frame of size 300mm x	$\ \ $		conductive compound (CPRI Tested) below the
	300mm complete testing of earth resistance as required.	$\ \ $		ground in 150 - 200 mm dia. earth pit &
	of following sizes. 2 No.			surrounding filled with required mineral filling
	With Strip in Pipe Technology with 80 - 100 micron			compound (MFC should have hygroscopic
	GI Coating			property to retain the moisture for long time to
11	GI pipe 2000 mm/ong ,63 / 80mm, Inner strip 50 mm x			create low resistance zone) and C.C. finished
	3 mm copper			chamber covered with hinged type with locking
8	S & Laying following size earth wire/strip in horizontal			arrangement C.I. Cover, C.I. Frame of size
	or vertical run in ground/surface/recess including			300mm x 300mm complete testing of earth
	riveting, soldering, saddles, making connection etc. as			resistance as required, of following sizes, 2 Nos.
	required 40 M4			With Strip in Pipe Technology with 80 - 100
 _	20mm 3mm copper strip. 40 Mtrs.			micron GI Coating
9	P/La ing P.V.C. / XLPE insulated & P.V.C. sheathed			GI pipe 2000 mm long ,63 / 80mm, Inner strip 50
	calle of 1.1 KV grade with aluminium conductor of			mm x 3 mm copper
	J:1554 P-I / IS :7098 P - I of Group 1 of approved		8	S & Laying following size earth wire/strip in
Ш	make. The cables laid on surface by means of	1		horizontal or vertical run in ground/surface/recess

मुख्यमंत्री नि:शुल्क दवा योजना



	screws.rag bolts,MSU clamps,as per approved spacing.			
	150.0 Sq.mm 3.5 core (armoured). 40 Mtrs.			
10	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating:			
	With sheet steel enclosure			
	200 A			

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State Pollution Control Board.
- 3. For which test certificate shall be produced from govt. approved agency.
- 4. On site maintenance of the whole work shall be 5 years from issue of completion certificate/ installation (CMC).
- 5. Complete work shall be carried out by the manufacture
- 6. Guarantee shall be given by principal manufacturer of the product for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.

4

8. Boucher/catalogue of the model Quoted hould be submitted for technical evaluation in readable & legible format.

	including riveting, soldering, saddles, making			
	connection etc. as required.			
	20mm x 3mm copper strip. 40 Mtrs.			
9	P/Laying P.V.C. / XLPE insulate & P.V.C.			
	sheathed cable of 1.1 KV grade with aluminium			
	conductor of IS:1554 P-I / IS 2098 P - I of Group			
	1 of approved make. The caoles laid on surface by			
	means of screws.rag oolts,MSU clamps,as per			
	approved spacing.			
	150.0 Sq.mm 3 s core (armoured). 40 Mtrs.			
10	P&F on lead change over switch, front handle			
	operate, four pole 415 V conforming to IS:13947			
	P-IP including connections, testing etc. as			
	equired in the following rating:			
	With sheet steel enclosure			
	200 A			

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State Pollution Control Board.
- 3. For which test certificate shall be produced from govt. approved agency.
- 4. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee (CMC)
- 5. Complete work shall be carried out by the manufacturer.
- 6. Guarantee shall be given by principal manufacturer/authorized dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.
- 8. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.

TABLE-1
List of Equipment & Instruments (NIB No 29)

	S. N.	Name of Equipment & Instruments (Catalogues)	Indica tive Quant ity (In no.)	Minimu m average annual turnover for last three financial years (In Rs.)	Minimum average annual turnover for last three financial years (In Rs.) for (SSI Units of rajasthan)
	1	50 KVA Silent Diesel Genrerator Set	7	2.0 Crore	0.50 Crore
2	2	100 KVA Silent Diesel Genrerator Set	16	2.0 Crore	0.50 Crore
[3	3	125 KVA Silent Diesel Genrerator Set	2	2.0 Crore	0.50 Crore

<u>TABLE-1</u> <u>List of Equipment & Instruments (NIB No 29)</u>

S. N.	Name of Equipment - & Instruments (Catalogues)	Indica tive Quant ity (In no.)	Minimu m average annual turnover for last three financial years (In Rs.)	Minimum average annual turnover for last three financial years (In Rs.) for (SSI Units of rajasthan
1	50 KVA Silent Diesel Genrerator Set	7	2.0 Crore	0.50 Crore
2	100 KVA Silent Diesel Genrerator Set	16	2.0 Crore	0.50 Crore
3	125 KVA Silent Diesel Genrerator Set	2	2.0 Crore	0.50 Crore
4	25 KVA Silent Diesel Genrerator Set	25	2.0 Crore	0.50 Crore



Technical Specifications 25 KVA Silent Diesel Generator Set

Sr. Specifications	
1	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a
	flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (
	Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M 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 2.0 mmCRCA sheet steel (structure) with side wall fabricated from 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/Foam. as per IS 8183 the coors of 100 mm
	thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, canopy fixed with axial flow
	fan , All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank,
	residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside
	the enclosure with DG control panel having Microprocessor based Genset me hitoring & control system,
	MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, In clamps etc. mounted inside
	enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised
	agency etc. complete in all respect of following capacity:
	A-Air Cooled & Naturally Aspirated-
	25 KVA at 0.8 pf 415V 50Hz 3-ø
2	SITC of Auto main failure (AMF) Panel fabricated from CRCA short steel 2 mm Thick, Powder coated finish
	, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults,
	UPS, operator interface panel complete in all respect suitable for following capacity DG sets:
	PLC Based;
	25 KVA
3	S/F of DG Set Exhaust Piping insulation on 80 mm to 250 mm Dia. MS Exhaust Pipe Asbestos rope insulation
4	Rock /Glass wool with 22 g Aluminium cladding Density- 96 kg/m3, Thickness-50 mm)
5	Construction of Platform of Size 3600 x 1800 x 600 mm including earth work ,150 mm thick concreting
	under masonary wall and C.C. floor, 30 mm tack masonary wall as required as per site condition and 75 mm
*	thick C.C. floor, outer face of wall should be finished with 20 mm thick cement plaster complete with all
6	respect Plate Earthing as per IS:3043 with copyer Earth plate of size 600mm x 600mm x 3.0mm by embodying 3 to
V	4 mtr. below the ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like nut,
	bolts, reducer, nipple, wire meshed annel, and C.C. finished chamber covered with hinged type with locking
i	arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and
7	coke/charcoal, testing of earth resistance as required. 2 Nos. Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filled with anti corrosive
	conductive compound (CPM Tested) below the ground in 150 - 200 mm dia, earth pit & surrounding filled
	with required mineral filling compound (MFC should have hygroscopic property to retain the moisture for
	long time to create low resistance zone) and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300mm complete testing of earth resistance as required.
	of following sizes. Nos.
	With Strip in Pipe Technology with 80 - 100 micron GI Coating
	GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm x 3 mm copper
8	S & Laying ollowing size earth wire/strip in horizontal or vertical run in ground/surface/recess including
	riveting, so dering, saddles, making connection etc. as required. 20mm x mm copper strip. 40 Mtrs.
9	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of
	IS:1564 P-I / IS:7098 P - I of Group 1 of approved make. The cables laid on surface by means of screws.rag
	bols, MSU clamps, as per approved spacing.
10	50.0 Sq.mm 3.5 core (armoured). 40 Mtrs.
10	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III
	incliding connections, testing atc. as required in the following making.
	including connections, testing etc. as required in the following rating: With sheet steel enclosure

मुख्यमंत्री नि:शुल्क दवा योजना



- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. Emissions should be within the permissible limits laid by State pollution control board
- 3. For which test certificate shall be produced from govt. approved agency
- 4. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee(CMC)
- 5. Complete work shall be carried out by the manuacturer.
- 6. Guarantee shall be given by principal manufacturer/authorized dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation.
- 7. The DG should be minimum BS IV.
- 8. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.

Please note that above all Amendments in technical Specifications/bid conditions is the integral part of Annexure-C and tender document. This corrigendum shall be signed and annexed with tender document.

Executive Director (EPM) RMSC, Jaipur

.

राजस्थान चिकित्सा सेवा निगम

स्वास्थ्य भवन,सी-स्कीम, जयपुर

फोन नः 0141-2223887, फैक्स नः 0141-2228065

ई—मेल : rmsc@nic.in

क्रमांक : F-8 ()/RMSC/EPM/M-3/DG Det/13-14/NIT-29/13/

500

दिनांकः 4-7-2013

CORRIGENDUM

Subject: -

Amended technical Specifications and conditions of Bid document for the procurement of Diesel Generator Set under NIT No. F-8()RMSC/EPM/M-3/D.G. Set./13-14/NIT-29/13/258 Dated: 10.06.2013

In Reference to above sited subject and NIT, The Technical Specification of items (Annexure-c) are here by Amended as below.

Specifications A Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam, as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-8 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Cont
A Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3) / Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers
AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection(Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel sheet steel set of 1.6 to 2 mm to 3 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: Asir Cooled & Naturally Aspirated/Radiator cooled/Turbo charged. B SITC of Auto m
Alternator shall be self regulated with standard Alternator Protection (Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6 mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mrts. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter , Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / R
warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thicknes
Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6 mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
fabricated from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam. as per IS 8183 the doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged— 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
doors of 100 mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\$\phi\$ B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\$\phi\$ B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
with DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\(\delta\) B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
meter, frequency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-6 B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\(\delta\) B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\(\text{\text{\text{6}}}\) B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
A-Air Cooled & Naturally Aspirated/Radiator cooled/Turbo charged- 50 KVA at 0.8 pf 415V 50Hz 3-\(\textit{\sigma}\) B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
B SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 1.6 to 2 mm Thick, Powder coated finish, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
Power Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
all respect suitable for following capacity DG sets: PLC / Relay Based: 50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock / Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
50 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
Asbestos rope insulation Rock /Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
Rock/Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
Rock/Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)
D Construction of Plateform of Size 3600 x 1800 x 600 mm including earth work ,150 mm thick concreting under masonary
wall and C.C. floor, 30 mm thick masonary wall as required as per site condition and 75 mm thick C.C. floor, outer face of
wall should be finished with 20 mm thick cement plaster complete with all respect
E Plate Earthing as per IS:3043 with copper Earth plate of size 600mm x 600mm x 3.0mm by embodying 3 to 4 mtr. below the
ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like nut, bolts, reducer, nipple ,wire
meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required. 2 Nos.
F Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filled with anti corrosive conductive compound
(CPRI Tested) below the ground in 150 - 200 mm dia. earth pit & surrounding filled with required mineral filling
compound (MFC should have hygroscopic property to retain the moisture for long time to create low resistance zone) and
C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300mm
complete testing of earth resistance as required. of following sizes. 2 Nos.

	With Strip in Pipe Technology with 80 - 100 micron GI Coating		
	GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm x 3 mm copper		
G	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering,		
saddles, making connection etc. as required.			
	20mm x 3mm copper strip. 40 mts.		
Н	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make . The cables laid on surface by means of screws.rag bolts,MSU clamps,as per approved spacing.		
	50.0 Sq.mm 3.5 core (armoured).40 mts		
I	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating:		
	With sheet steel enclosure		
	125 A		

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. For which test certificate shall be produced from govt. approved agency.
- 3. Bidder should Quote rates including installation work in all respect
- 4. The DG should comply with CPCB/RPCB emission norms.
- 5. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee (CMC)
- 6. Complete work shall be carried out by the manufacturer.
- 7. Guarantee shall be given by principal manufacturer/authorized dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation. Bidder should mention guarantee/Service provider.
- 8. During Guarantee and onsite maintenance period consumables like all kind of filters, Engine oil, coolant, fan belt, washers, diesel, distilled water for batteries and hose pipes will be provided by the department as and when required also quarterly inspection and two services/year will be will be provided by the manufacturer free of cost.
- 9. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.
- 10. Additional Cable beyond 40 mts. if required should be supplied and per meter rates should be quoted in BOQ.
- 11. Pre-Dispatch and Post Installation Inspection will be done by nominated Committee.

<u>Technical Specifications</u> 100 KVA Silent Diesel Generator Set

	Specifications			
A	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine A suitable BHP &			
	AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a flexible coupling or close coupled.			
	Alternator shall be self regulated with standard Alternator Protection(Over voltage, over speed & Inder voltage, under speed			
	warning & shutdown). Engine shall have residential silencer, up to 3 M exhaust piping, elegationic / Mechanical govern			
	Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weath proof, powder coated Accousti			
	enclosure for DG set for sound attenuation fabricated from 1.6 to 2.0 mmCRCA sheet stiel (structure) with side wall fabricated			
	from 1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ oam. as per IS 8183 the doors of 100 mm			
	thick and fabricated from 1.6mm CRCA sheet packed with accoustic material canopy fixed with axial flow fan, All doors/			
	opening are sealed with neoprene/EPDN gaskets. The enclosure has built is fuel tank, residential silencer (isolated from main			
	DG chamber) with protection and tripping of DG set			
	against temperature of more than 50 degree centigrade. All control for operation of DG set are from outside the enclosure with			
	DG control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter,			
	frequency meter, KWH meter, Ind.lamps etc. mounted in de enclosure, visible and accessible from outside. The enclosure			
	should be suitable for following capacity DG sets and aternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs.			
	duly certified by authorised agency etc. complete is all respect of following capacity:			
	Radiator Cooled & Turbo Charged /AC			
	100 KVA at 0.8 pf 415V 50Hz 3-6			
В	SITC of Auto main failure (AMF) Parel fabricated from CRCA sheet steel 2 mmThick, Powder coated finish, Engine Start &			
	Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Power			
	Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete in all			
	respect suitable for following capacity DG sets: PLC / RELAY Base			
	100 KVA			
C				
	Asbestor rope insulation			
	Rock/Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm)			
D	Construction of Plateform of Size 3600 x 1800 x 600 mm including earth work, 150 mm thick concreting under masonary wall			

and C.C. floor, 30 mm thick masonary wall as required as per site condition and 75 mm thick C.C. floor, outer face of wall should be finished with 20 mm thick cement plaster complete with all respect \mathbf{E} Plate Earthing as per IS:3043 with copper Earth plate of size 600mm x 600mm x 3.0mm by embodying 3 to 4 mtr. below ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like nut, bolts, reducer, nipple, wire i funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required. 2 Nos. F Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filled with anti corrosive conductive CPRI Tested) below the ground in 150 - 200 mm dia. earth pit & surrounding filled with required mineral fill ig compound (MFC should have hygroscopic property to retain the moisture for long time to create low resistance zone chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300 m complete testing of earth resistance as required. of following sizes. 2 Nos. With Strip in Pipe Technology with 80 - 100 micron GI Coating GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm x 3 mm copper G S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/reces including riveting, soldering, saddles, making connection etc. as required. 20mm x 3mm copper strip. 40 mts P/Laving P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with alugar Η mium conductor of IS:1554 P-I / IS :7098 P - I of Group 1 of approved make. The cables laid on surface by means screws.rag bolts,MSU clamps,as per approved spacing. 150.0 Sq.mm 3.5 core (armoured). 40 mts/ P&F on load change over switch, front handle operated, four pole 415 V confor ning to IS:13947 P-III including connections, testing etc. as required in the following rating: With sheet steel enclosure 200 A

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. For which test certificate shall be produced from govt. approved agen y
- 3. Bidder should Quote rates including installation work in all respect
- 4. The DG should comply with CPCB/RPCB emission norms.
- 5. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee (CMC)
- 6. Complete work shall be carried out by the manufacturer.
- 7. Guarantee shall be given by principal manufacturer/author zed dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation. By der should mention guarantee/Service provider.
- 8. During Guarantee and onsite maintenance period consumables like all kind of filters, Engine oil, coolant, fan belt, washers, diesel, distilled water for batteries and hose pipes will be provided by the department as and when required also quarterly inspection and two services/year will be will be provided by the manufacturer free of cost.
- 9. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.
- 10. Additional Cable beyond 40 mts. if required should be supplied and per meter rates should be quoted in BOQ
- 11. Pre-Dispatch and Post Installation Inspection will be done by nominated Committee.

Technical Specifications 125 KVA Silent Diesel Generator Set

Specifications Supply. Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of suitable BHP & AC Brush less SPDP Al ernator mounted on a common base Frame & coupled through a flexible coupling or close coupled, Alternator shall be self regulated with standard Alternator Protection(Over voltage, over speed & under voltage, under speed warning & shutdow). Engine shall have residential silencer, up to 3 M exhaust piping , electronic / Mechanical governor, Manual & electric Start ,Batteries, Engine instruments panel, AVM and with Weatherproof, powder coated Accoustic enclosure for D set for sound attenuation fabricated from 1.6 to 2.0 mm CRCA sheet steel (structure) with side wall fabricated from 1.6 to 2.6 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ Foam, as per IS 8183 the doors of 100 mm thick and bricated from 1.6mm CRCA sheet packed with accoustic material, canopy fixed with axial flow fan, All doors opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank, residential silencer (isolated from main DG chamber) with protection and tripping of DG set against temperature of more than 50 degree centigrade. All controls for operation of DG set are from outside the enclosure with control panel having Microprocessor based Genset monitoring & control system, MCCB, Ammeter, Voltmeter, PF meter, requency meter, KWH meter, Ind.lamps etc. mounted inside enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mtrs. duly certified by authorised agency etc. complete in all respect of following capacity: Radiator Cooled & Turbo Charged /AC

125 KVA at 0.8 pf 415V 50Hz 3-ø $\overline{\mathbf{B}}$ SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet steel 2 mmThick. Powder coated finish. Engine Star Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter & Voltmeter, Control & Contactors, Timers, Electronic Hooter, Visual & Alarm indication for faults, UPS, operator interface panel complete respect suitable for following capacity DG sets: PLC /Relay Based: 125 KVA C S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe Asbestos rope insulation Rock/Glass wool with 22 g Aluminium cladding (Density- 96 kg/m3, Thickness-50 mm) D Construction of Plateform of Size 4200 x 2100 x 600 mm including earth work 450 mm thick concreting under masonary wall and C.C. floor, 30 mm thick masonary wall as required as per site condition and 75 mm thick C.C. floor, outer face of wall should be finished with 20 mm thick cement plaster complete with all respect Plate Earthing as per IS:3043 with copper Earth plate of size 600mm x 600mm x 3.0mm y embodying 3 to 4 mtr. below the Ε ground level with 25 mm dia. G.I. 'B' class watering Pipe including all accessories like aut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required. 2 Nos. Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filed with anti corrosive conductive compound (CPRI Tested) below the ground in 150 - 200 mm dia. earth pit & surrounding filled with required mineral filling compound (MFC should have hygroscopic property to retain the moisture for long time to create low resistance zone) and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover C.I. Frame of size 300mm x 300mm complete testing of earth resistance as required, of following sizes. 2 Nos. With Strip in Pipe Technology with 80 - 100 micron GI Coati GI pipe 2000 mm long ,63 / 80mm, Inner strip 50 mm x 3 mm, opper G S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required. 20mm x 3mm copper strip. 40 mts P/Laying P.V.C. / XLPE insulated & P.V.C. sheat red cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS Η :7098 P - I of Group 1 of approved make. The cables laid on surface by means of screws.rag bolts,MSU clamps,as per approved spacing. 150.0 Sq.mm 3.5 core (armoured).40 mts. I P&F on load change over switch, front bundle operated, four pole 415 V conforming to IS:13947 P-III including connections, testing etc. as required in the following rating: With sheet steel enclosure 200 A

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. For which test certificate shall be produced from govt. approved agency.
- 3. Bidder should Quote rates including installation work in all respect
- 4. The DG should compay with CPCB/RPCB emission norms.
- 5. Onsite maintenance of the whole work/product shall be 5 years from Completion of guarantee (CMC)
- 6. Complete work shall be carried out by the manufacturer.
- 7. Guarantee shalf be given by principal manufacturer/authorized dealer/executing agency of the product and allied installation work for the period of 2 years from the date of installation. Bidder should mention guarantee/Service provider.
- 8. During Guarantee and onsite maintenance period consumables like all kind of filters, Engine oil, coolant, fan belt, washers, diesel, distill d water for batteries and hose pipes will be provided by the department as and when required also quarterly inspection and two services/year will be will be provided by the manufacturer free of cost..
- 9. Joucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format.
- 10 Additional Cable beyond 40 mts. if required should be supplied and per meter rates should be quoted in BOQ
- 1. Pre-Dispatch and Post Installation Inspection will be done by nominated Committee.

0/

Technical Specifications 25 KVA Silent Diesel Generator Set

	25 KVA Shent Diesel Generator Set
	Specifications Specifications
A	Supply, Installation, Testing & Commissioning of Silent DG Set complete with 1500 RPM Diesel Engine of
	suitable BHP & AC Brush less SPDP Alternator mounted on a common base Frame & coupled through a
	flexible coupling or close coupled. Alternator shall be self regulated with standard Alternator Protection (
	Over voltage, over speed & under voltage, under speed warning & shutdown). Engine shall have residential
	silencer, up to 3 M 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 1.6 to 2.0 mmCRCA sheet steel (structure) with side wall froricated from
	1.6 to 2.0 mm CRCA sheet & filled with 100mm thick glass wool(96Kg/m3)/ as per IS 8183 the doors of 100
	mm thick and fabricated from 1.6mm CRCA sheet packed with accoustic material, canop fixed with axial
	flow fan, All doors/ opening are sealed with neoprene/EPDN gaskets. The enclosure has built in fuel tank,
	residential silencer (isolated from main DG chamber) with protection and tripping of DG set
	against temperature of more than 50 degree centigrade. All controls for operation of JG set are from outside
	the enclosure with DG control panel having Microprocessor based Genset monitoring & control system,
	MCCB, Ammeter, Voltmeter, PF meter, frequency meter, KWH meter, Ind. Imps etc. mounted inside
	enclosure, visible and accessible from outside. The enclosure should be suitable for following capacity DG
	sets and alternator. Noise level shall be less than 75 dBA at a distance of 1 Mass. duly certified by authorised
	agency etc. complete in all respect of following capacity:
	Radiator Cooled /turbo charged / Air Cooled & Naturally Aspirated-
	25 KVA at 0.8 pf 415V 50Hz 3-&
В	SITC of Auto main failure (AMF) Panel fabricated from CRCA sheet ceel 2 mm Thick, Powder coated finish
	, Engine Start & Stop commands, control Relays, selector switches for Ammeter & Voltmeter, Ammeter &
	Voltmeter, Control & Power Contactors, Timers, Electronic Hoster, Visual & Alarm indication for faults,
	UPS, operator interface panel complete in all respect suitable for following capacity DG sets:
	PLC /Relay Based:
}	25 KVA
C	S/F of DG Set Exhaust Piping insulation on 80 mm to 150 mm Dia. MS Exhaust Pipe
_	Asbestos rope insulation
	Rock/Glass wool with 22 g Aluminium cladding (Dersity- 96 kg/m3, Thickness-50 mm)
	Construction of Platform of Size 3600 x 1800 x 00 mm including earth work ,150 mm thick concreting
	under masonary wall and C.C. floor, 30 mm thick masonary wall as required as per site condition and 75 mm
	thick C.C. floor, outer face of wall should be anished with 20 mm thick cement plaster complete with all
	respect
E	Plate Earthing as per IS:3043 with copper Parth plate of size 600mm x 600mm x 3.0mm by embodying 3 to
	4 mtr. below the ground level with 25 mr. dia. G.I. 'B' class watering Pipe including all accessories like nut,
	bolts, reducer, nipple, wire meshed funnal, and C.C. finished chamber covered with hinged type with locking
	arrangement C.I. Cover, C.I. Frame of size300mm x 300mm complete with alternate layers of salt and
	coke/charcoal, testing of earth resistance as required. 2 Nos.
F	Maintenance free Gel Earthing with Pipe in pipe / Pipe in strip technology filled with anti corrosive
. L.	conductive compound (CPRI Tested) below the ground in 150 - 200 mm dia. earth pit & surrounding filled
	with required mineral filling compound (MFC should have hygroscopic property to retain the moisture for
	long time to create low resistance zone) and C.C. finished chamber covered with hinged type with locking
	arrangement C.I. Cover, Q.I. Frame of size 300mm x 300mm complete testing of earth resistance as required.
	of following sizes. 2 Nos
	With Strip in Pipe Technology with 80 - 100 micron GI Coating
	GI pipe 2000 mm lorg, 63 / 80mm, Inner strip 50 mm x 3 mm copper
G	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including
U	riveting, soldering, saddles, making connection etc. as required.
	20mm x 3mm topper strip. 40 mts.
TT	
H	P/Laying P.Y.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of
	IS:1554 P-7/IS:7098 P - I of Group 1 of approved make. The cables laid on surface by means of screws.rag
	bolts,MSD clamps,as per approved spacing.
	50.0 Semm 3.5 core (armoured). 40 mts
I	P&F on load change over switch, front handle operated, four pole 415 V conforming to IS:13947 P-III
	including connections, testing etc. as required in the following rating:
	With sheet steel enclosure
L	100 A

Q/

- 1. Connection with the existing electrical panel shall be done by the Firm.
- 2. For which test certificate shall be produced from govt. approved agency.
- 3. Bidder should Quote rates including installation work in all respect
- 4. The DG should comply with CPCB/RPCB emission norms.
- 5. Onsite maintenance of the whole work/product shall be 5 years from Completion a guarantee (CMC)
- 6. Complete work shall be carried out by the manufacturer.
- 7. Guarantee shall be given by principal manufacturer/authorized dealer/execting agency of the product and allied installation work for the period of 2 years from the date of install don. Bidder should mention guarantee/Service provider.
- 8. During Guarantee and onsite maintenance period consumables like all kind of filters, Engine oil, coolant, fan belt, washers, diesel, distilled water for batteries and hose pipes will be provided by the department as and when required also quarterly inspection and two services/year will be will be provided by the manufacturer free of cost..
- 9. Boucher/catalogue of the model Quoted should be submitted for technical evaluation in readable & legible format
- 10. Additional Cable beyond 40 mts. if required should be supplied and per meter rates should be quoted in BOO
- 11. Pre-Dispatch and Post Installation Lapection will be done by nominated Committee.

Annexure-B

A. General Terms and Conditions

20 (i) Supply O'ders: All the supply orders will be placed to the approved bidder only (not Agents/ Suppliers/Distributors etc.) by RMSCL or any heads of medical institutions (P.M.O., M.S., C.M.&H.O., etc.) through registered post/e-mail/any communication medium. The date of dispatch of letter or communication date will be treated as the date of order for calculating the period of execution of order. The supplying firms will execute all orders within 45 days and 30 days additional will be provided for importers in supply period.

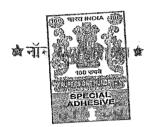
E-tenders are invited as per following time schedule:-

Last Date for Sale of Bid Form	Last Date of Receipt of Bid Form	Date of Opening of Technical Bid
22.07.2013	22.07.2013	22.07.2013
11.00 A.M.	Up to 1.00 P.M.	. From 3.00 P.M.

Please note that above all amendments in technical specification/ bid conditions is the integral part of Annexure-C and tender document. This corrigendum shall be signed and annexed with tender document.

Executive Director (EPM) RMSC, Jaipur





50 KVA Silent DG Set RC NO. 58 NIT-29

ANNEXURE-L

Rajasthan Medical Services Corporation Limited, Jaipur

Comprehensive Maintenance Agreement (C.M.A)

(On a non judicial stamp paper of 100/-)

Tanwar Industries G-492, Road No 9A V.K.I Area, Jaipur through (hereinafter referred to as the Tanwar Industries which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successor and assigns)

AND

Managing Director, Rajasthan Medical Services Corporation Limited, Jaipur or his designated officer's (hereinafter referred to as the "Purchase Officer" (means user of equipments/consignee/in-charge officer of medical institution) which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successor and assigns):

WHEREAS:

• Tanwar Industries is inter alia, engaged in the business of marketing of equipments and apparatus/instruments manufactured by Tanwar Industries in India and it also provides maintenance service for Equipments & Instruments in India;

The Consignee has asked to provide service and maintenance of Equipments installed in its premises and Tanwar Industries has agreed to provide the services (as defined in Clause 3)

below), subject to terms as contained in this Agreement.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL PROMISES AND COVENANTS AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, THE RECEIPT, ADEQUACY AND LEGAL SUFFECIENCY OF WHICH ARE HEREBY ACKNOWLEDGED AND AGREED TO BY THE PARTIES, THE PARTIES EXECUTE THIS AGREEMENTAS FOLLOWS:

- 1. COMMENCEMENT: CMA will only be commence after the completion of guarantee period and a written request by concerned RMSC/Purchase officer or his authorized officer to the firm. The RMSC/concerned consignee shall ensure the availability of funds and shall also examine the CMA necessity for a particular equipment/instrument.
- 2. TERM, EXTENSION AND TERMINATION OF THIS AGREEMENT:
 - (i) This C.M.A. is the supplementary part of Original Agreement (Rate Contract) No. F8() RMSC / EPM /M-3 /NIT-29/DG SET / 13-14 / 952 DT 19.09.13 of this equipment or instrument.
 - (ii) The validity period of this C.M.A. is for as specified in bid document (..... years) which starts from the next day of completion of Guarantee period of Rate Contract referred in clause first above. The C.M.A. Starts from------- day of ------- 2013 and shall end on the dated------. However, CMA may be extended for further two years by mutual consent subject to the same terms & conditions.

(iii) The Security deposited shall be refunded as per clause 12 of original Agreement R/C No. F80RMSC/EPM/M-3/NIT-29/DG SET/13-14/952 DT 19.09.13 subject to that:-

(a) The 25% of total deposited S.D. amount shall be with fill and the supplementary (CMA) agreement.

Executive Director (EPM)
RMSC, Jaipur

(PARTNER)



If there is any default in comprehensive maintenance service the department may (b) forfeit the penalty amount described under clause-8 or any other recovery from security deposit.

The Consignee/Purchase Officer may terminate this Agreement during the Term of this Agreement, at any time as he considers appropriate in the interest of department. No compensation shall be paid to said firm for termination.

- Scope of this Agreement and Services to be rendered under this Agreement by Tanwar 3.
 - Onsite & Service Centre Labor for carrying out preventive maintenance and repairs. (a)
 - All parts require replacement shall be supplied to the Consignee by the Tanwar (b) Industries under this agreement at no additional cost, during CMA period.
 - Safety and software updates for features that were originally purchased and forming part (c) of the Equipment during commencement of this agreement.
 - Routine Cleaning, lubrication, replacement of o' rings gaskets etc. for all mechanical (d) instruments.
 - Routine cleaning & calibration of electronic equipments. (e)
 - Spare parts are included in the CMA offer and will not be charged extra. (f)
 - Firms Offering Conditions:-(g)

Response time

< 48 Hours after first contact

Service hours

Mon-Fri (09:30-18:00)

Preventive Maintenance (PM)**

Any number

Parts for Preventive maintenance

All, as per requirement

Up time

95% (346 Days)

Breakdown

All

Technical & Application Support Session

As required

Demonstrations & Trainings

As & when required

Note:** PM Includes Quality Assurance, Safety checks and calibration

Contact Details of service providing firm: į (h)

Full Address: Tanwar Industries G-492, Road No 9A V.K.I Area, Jaipur Email ID: service@tanwarindustries.com / arvindlunia@gmail.com

Hotline: 9351782716 / 9314613281 / 0141-2372062

Service Portal: NA

Toll Free Number: 1800-419-1999

Exclusions of Service under this Agreement: (ii)

- Damages caused by or arising out of or aggravated by fire caused by sources external to the Equipment covered under this agreement, theft, flood, earthquake, war, invasion, act of foreign enemy, hostilities or war like operations, (whether war be declared or not), civil war, revolution, insurrection, mutiny, Labor unrest, lockout, confiscation, commandeering by a group of malicious persons or persons acting on behalf of or in connection with any political organization, requisition or destruction or damage by order of any govt. de-jure or de-facto or any public, municipal or local authority.
- Any work external to the Equipment covered under this Agreement.
- This Agreement does not cover hardware upgrade of any kind.

All consumables as per Bid documents as per as clause-5. (d)

Any No. of preventive maintenance visits and any number of breakdown emergency calls will be provided by the firm during guarantee and CAM agreement period.

Training for the Quoted equipment/machine, if required, will be provided by the (f) firm without any additional charges.

Executive Director (EPM) RMSC, Jaipur

(iii) Limitations of Services under this Agreement:

Maintenance and updates will be provided based on originally purchased software
options. Additional features, hardware or software, that are not part of the
Equipment on commencement of this Agreement are not included in this
Agreement but can be included on mutually agreed terms and conditions, reduced
in writing.

Parts will be replaced at the sole discretion of (Name of Consignee)....

• Whenever a breakdown call is attended, then during such visit, preventive maintenance can also be carried out. Hence, such a visit may be treated as a preventive maintenance visit also.

• If required and permitted, the transportation of equipment from Purchase Officer to service center of firm and back to Purchase Officer Site, is sole responsibility of the service providing firm company.

4. CARE FOR THE EQUIPMENT:

The Consignee shall take proper care and diligence in using the equipment so as to ensure that the equipment is protected against damage resulting from accidents, neglect or misuse, pests and insects, etc. The Consignee shall also maintain the optimum temperature and other environmental conditions to safeguard the equipment against damages as per the specification given in the instruction manual.

5. PRICE

- (i) In consideration of **Tanwar Industries** providing the Services (as set out in Clause 2 above), the M.D., RMSC/ E.D. (EPM), RMSC/Purchase officer/Consignee shall pay to **Tanwar Industries** Maintenance Contract charges (hereinafter the "CMA Charges") for the equipment set out in Annexure-M, annexed to this Agreement.
- (ii) The CMA Charges specified above is inclusive of all taxes, levies, impositions, cess etc. as may be applicable on the Services rendered by **Tanwar Industries** to the Consignee. If any fresh taxes, levies impositions, cess is levied and changed by the appropriate governmental authority during the Term of this Agreement; the variation shall be borne by the Purchase Officer.
- (iii) All the defective parts/items shall become the property of **Tanwar Industries** on replacement of parts and have to be returned to **Tanwar Industries** by the Purchase Officer/Consignee only if same are replaced without charges.
- (iv) No price escalation will be applicable.

6. LIST AND RATES OF REAGENTS, CONSUMABLES & SPARES:

S. N.	Name of Reagent/Consumable/Spares	Packaging Unit	Price Rs. Per Unit	Remark
1				
2				
3			1	
So		1		
on				L

A Committee of three members comprising of Hospital In charge, Specialist and the senior most accounts person of that institution will decide the casonability of rates of Reagents, Consumables & Spares by negotiation with the firm.

7. PAYMENT TERMS:

The RMSC/Purchase Officer/Consignee shall make 50% advance payment of annual maintenance charges after completion of each six month of satisfactory service by way of Demand Draft/Account payee cheque in favour of service providing firm. The remittance charges shall be borne by the firm. The Consignee shall ensure that maintenance and repair are satisfactory during last half yearly period before further advancing CAM charges to firm TANWAR INDUSTRIES.

Executive Director (EPM)
RMSC, Jaipur

(PARTNER)



LIQUIDATED DAMAGES: 8.

The Supplier/service providing firm shall be liable to pay a penalty of Rupees five Hundred per day (Varies from equipment to equipment) if the firm didn't response after 48 hours from the time of receiving first complain. The complaint may be sent to firm by way of telephone/fax/letter or e-mail. The amount of L.D. will be directly deducted from the S.D. of the firm at the time of refund or before by way of any adjustment order.

During breakdown of equipments/machine firm will depute the engineer for immediate (ii) rectification of defect within 48 hours positively otherwise equipment may be got

repaired on the risk & cost of firm.

ASSISTANCE FOR PROVIDING SERVICE: 9.

The Purchase Officer shall give Tanwar Industries full access to the Equipment to enable Tanwar Industries to provide service, make available to the representative of Tanwar Industries appropriate Purchase Officer staff who are familiar with the Purchase Officer work and provide suitable working space and facilities.

LOCATION & LOCATION CHANGE: 10.

The Location and place of installation shall be decided by the appropriate authority of Corporation. The Consignee may transport/shift any Equipment or part thereof without the express consent of Tanwar Industries and asked for maintenance of equipment without any additional cost.

INDEMNIFICATION: 11.

Each party hereto (the "Indemnifying Party") hall indemnify and keep the other party hereto (the "Indemnifies Party") indemnified and hold free from any harm, against all losses, expenditure, ages, costs and claims incurred or suffered by or made against the indemnified Party by reason of any breach by the indemnifying Party of nay of its obligations covenants, representations and warranties.

Each Party hereto shall abide by all laws, Bye-laws, rules and regulations of the Government and any other authority or local body and shall observe and perform their part of the covenants and conditions and shall attend to answer, and be responsible for all violations of any of the conditions or rules of Bye-laws. Each party hereto shall always keep and hold the other

party hereto, harmless and indemnified in this regard.

DISPUTE RESOLUTION COMMITTEE: 12.

If both the parties fail to resolve any issue bilaterally then the specific point may be before the Dispute Resolution Committee consisting M.D., RMSC/ E.D.(EPM), RMSC and concerned purchase officer. The service providing firm shall participate in proceedings through his authorized signatory of rate contract holding firm only.

JURISDICTION: 13.

All actions, proceedings and suits arising from or connected to this Agreement shall be subject to the exclusive jurisdiction of courts in Jaipur.

IN WITNESS WHEREOF the Parties hereto have signed this Agreement on the day and year first hereinabove written:

show.
Executive Director (EPM) RMSC, Jaipur,
\où
सांवर मर्ल जिन्हा वरिष्ठ प्रबन्धक (EPM) राजस्थान चिकित्सा शेवा निगम लि.
राजस्थान चिकत्सा अवा निगम लि. जयपुर
नरेन्द्र कुमार शर्मा
राह्या वक प्रवन्धक आर. एम. एस. सी.



(ATTENDED GLONATODY)	
(AUTHORIZED SIGNATORY)	
NAME	
(CAPITALS)	
DESIGNATION:	
RUBBER STAMP	
tness No. 1	Witness No. 1
(19247 4422)	

Witness No. 2

Witness No. 2 ? (31 (31 (41))



ANNEXURE-M

Rajasthan Medical Services Corporation Limited, Jaipur

Maintenance Contract Charges/Rates

(Rates From Annexure -D/BOQ)

Item: - 50 KVA DG Set

S.No.	Years (After Completion of Guarantee Period)	Prices including taxes and other all kind of charges	
		In Figures	In Words
1	Ist Year	10000.00	Rs. Ten Thousand Only
2	IInd Year	12000.00	Rs. Twelve Thousand Only
3	IIIrd Year	14000.00	Rs. Fourteen Thousand Only
4	IVth Year	16000.00	Rs. Sixteen Thousand Only
5 Vth	Vth Year	18000.00	Rs. Eighteen Thousand Only
•			

Signature with seal

Authorized Signatous of Firm.

(PARTNER)

Signature with seal

Authorized Signatory of Corporation

Executive Director (EPM)
RMSC, Jaipur