



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/3933258
Dated/दिनांक : 29-09-2023

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	20-10-2023 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	20-10-2023 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Health And Family Welfare
Department Name/विभाग का नाम	Department Of Health Research
Organisation Name/संगठन का नाम	Indian Council Of Medical Research (icmr)
Office Name/कार्यालय का नाम	Icmr National Institute For Research In Reproductive Health, Mumbai
Item Category/मद केटेगरी	Operation and Maintenance Services of Power Generator(DG-Set)
Contract Period/अनुबंध अवधि	1 Year(s) 1 Day(s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
Past Experience of Similar Services required/इसी तरह की सेवाओं का पिछला आवश्यक अनुभव है	Yes
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid

Bid Details/बिड विवरण

Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Estimated Bid Value/अनुमानित बिड मूल्य	400000
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Compliance/एमआईआई अनुपालन

MII Compliance/एमआईआई अनुपालन	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Years of Past Experience required: The bidder must have experience for number of years as indicated above in bid document (ending month of March prior to the bid opening) of providing similar type of services to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts / orders to be uploaded along with bid in support of having provided services during each of the Financial year.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned

Ministry. If the bidder wants to avail the Purchase preference for services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered service. If L-1 is not an MSE and MSE Service Provider (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, then 100% order quantity will be awarded to such MSE bidder subject to acceptance of L1 bid price.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

6. Past Experience of Similar Services: The bidder must have successfully executed/completed similar Services over the last three years i.e. the current financial year and the last three financial years(ending month of March prior to the bid opening): -

1. Three similar completed services costing not less than the amount equal to 40% (forty percent) of the estimated cost; or
2. Two similar completed services costing not less than the amount equal to 50% (fifty percent) of the estimated cost; or
3. One similar completed service costing not less than the amount equal to 80% (eighty percent) of the estimated cost.

Additional Qualification/Data Required/अतिरिक्त योग्यता /आवश्यक डेटा

ANNEXURE - A (Contract Specific Scope):[1695980963.pdf](#)

Operation And Maintenance Services Of Power Generator(DG-Set) (1)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification	Values
Core	
Type of O&M/Service package	Package 3 - O&M Service with operational and comprehensive maintenance
Number of the DG Set at a given location/site/building	1
Average running hours of DG-SET in per annum	Upto 500 hours
Frequency of visit for preventive maintenance by maintenance engineer	Monthly
Designation of Dedicated Manpowers provided	NA
Number of Dedicated electrician/operator	NA
Duty hours for dedicated manpower provided	NA
Working Days in a Week	5 Days
Addon(s)/एडऑन	

Additional Specification Documents/अतिरिक्त विशिष्टि दस्तावेज़

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity	Additional Requirement/अतिरिक्त आवश्यकता
1	Gurunath Manohar Darpe	400012,NATIONAL INSTITUTE FOR RESEARCH IN REPRODUCTIVE HEALTH JEHANGIR MERWANJI STREET, PAREL MUMBAI 400012 MAHARASHTRA	1	N/A

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. **Generic**

OPTION CLAUSE: The buyer can increase or decrease the contract quantity or contract duration up to 25 percent at the time of issue of the contract. However, once the contract is issued, contract quantity or contract duration can only be increased up to 25 percent. Bidders are bound to accept the revised quantity or duration

4. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

SCOPE OF WORK

The scope of work includes providing technically qualified engineers for Comprehensive Annual Services and Maintenance Contract including all preventive maintenance as per scope below and all breakdown maintenance as described in price bid. A certified Service report will be submitted for each work carried out and work will be done as per OEM recommendation only.

1. The contractor shall be responsible for the functioning of all the types of equipment as per the site requirement. General check-up & preventive maintenance and to fill up preventive check-up schedule for each machine.
2. Check lube oil level and conditioning of lube oil, top-up/refill if required.
3. The oil filters shall be replaced whenever the oil is change

d.

4. The air filters shall be cleaned periodically with compressed air, check batteries and top up the distilled water if required.

5. Check to function of changing the alternator.

6. Engine safety viz. high water temperature gauge, oil pressure gauge, oil temperature gauge, and high-speed gauge shall be checked for their functions and repaired/replaced if required.

7. Coolant level and conditioning of coolant shall be checked and refilled if required.

8. Check fan and alternator drive belts and tightened if required.

9. The governor shall be checked and tuned for proper functioning.

10. Check for leaks if any and shall be rectified.

11. Check reports shall be submitted every month/every breakdown call.

12. Checking and servicing of engine for smooth running, its unusual sound and color of smoke and exhaust and set it right in case of deviations.

13. Checking and repairing and leakage of fuel, lubricating oil, and coolant.

14. Cleaning and changing of Air filters as per requirement.

15. Setting of Valves tappets whenever required.

16. Checking and repairing of accessories drive, Turbo Charger, and crankshaft endplay whenever required.

17. Checking of alignment and alignment of Engine and Alternator as per requirement.

18. Checking of throttle control and its setting.

19. Checking of the instrument of instrument panel including

replacement as and when required.

20. Checking of rotating diodes assembly in brushless alternator including replacement as and when required.

21. Checking of wiring system and repairing/replacement as and when required.

22. Repair and Maintenance of Replays including contractors in the control panel.

23. Checking of battery terminal and de-sulfating/battery replacement.

24. Diagnosis of faults in engine and Alternator and its rectification.

25. Break down calls to be attended on priority within 6 hrs.

26. Providing spares AVR, Self Starter, and accessories, free of charge, if the repair/overhaul/replacement is expected to be taken in more than one day.

27. Checking/repair/adjustment/replacement /servicing shall be carried under AMC.

28. The firm should undertake to arrange genuine spares of the Diesel engine, alternator, and AMF panel as and when required within one working day.

29. The Tenderer's service engineer shall visit the site for attending the generator sets not less than twelve times during the contract period (minimum once a month) and shall inspect the generator set thoroughly. Each visit shall take place during the 1st week of each month.

30. The Tenderer's service engineer shall visit once in one month for checking of electrical side viz., alternator, AMF Control panel, if any.

31. The engine shall be run on no-load or at available load and should be checked for any leakage and abnormal noise. If any such abnormality is noticed shall be diagnosed and remedial action shall be taken.

32. The material like kerosene oil, cotton, grease, Mobil oil, nut-bolts, washer, and vibration pads shall be borne by the contractor within the quoted rate.

33. After the contract is over, DGSET will be jointly inspected and any shortcoming or defects pointed out shall be removed by the contractor before handing over DG

SETs in perfect running condition otherwise work shall be carried out at risk and cost of the contractor.

34. The contractor shall not be allowed to change the specifications of repaired/replaced components during service and maintenance of DG Sets without the approval of competent authority, ICMR-NIRRCH.

35. Any breakdown of minor nature should be attended on the same day and major breakdown including repairing/overhauling and rewinding of the motor shall be within one day. Thereafter a penalty of Rs.2,000/-(Rupees Two thousand only) per day shall be imposed on the contractor and recovery will be made from the bill and work shall be carried out at the risk and cost of the contractor.

36. The supervisor has to submit the monthly report for the status of the DG Set

otherwise penalty will be made Rs.500/-(Five Hundred Only) per report on this account.

37. The contractor will display the Emergency Telephone numbers of the concerned Engineer/technician/operator/contractor/expert which shall be contacted in the event of an emergency.

38. The CASMC covers all the functioning 'of all the equipment to run all three DG Set

in excellent conditions round the clock and year-round, all type of break down and periodically/routine service of the DG sets as required at the site.

39. No Subletting of contract OR sub-standard work will be accepted in any case and no payment will be made.

40. The watch and ward of installation and accessories shall be the responsibility of the contractor till these are handed over back to the Institute.

41. Defective parts to be changed (like a piston, rings, etc.)

42. Head repair works and defective parts like valve guide, seal, etc. Control repair work.

43. FIP & injector & turbocharger testing/calibration

44. All rubber parts, joints, Fuel filter, etc. are to be replaced .

45. All defective parts are to be change

46. Radiator/heat exchanger cleaning, major overhauling, top overhauling, rewinding Jobsite are covered under the scope in the contract.

47. Records to be maintained

a. Maintenance register

b. Logbook.

c. Job card.

48. The contractor must provide 24 X 7 services and in the event of a breakdown, it's his/her duty that Engineer/technician /operator/contractor/ expert should reach the site at the earliest and also should restore the system to normal working conditions, failing which penalty will be imposed on the contractor at the discretion of the competent authority of ICMR-N IRRCH.

49. During ICMR-NIRRCH power shutdown complete PM of D. G Sets to be done

50. A site visit is necessary to ascertain the working condition of the DG set and quote accordingly.

51. DG set is to be covered under CMC contract in as it is co

condition and handed over at the end of contract period in fully functional condition. Otherwise, last quarter payment will not be cleared.

52. Contract is of full comprehensive type which covers all the parts and accessories required from start to end

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

This Bid is governed by the [General Terms and Conditions/सामान्य नियम और शर्तें](#), conditions stipulated in Bid and [Service Level Agreement](#) specific to this Service as provided in the Marketplace. However in case if any condition specified in General Terms and Conditions/सामान्य नियम और शर्तें is contradicted by the conditions stipulated in Service Level Agreement, then it will over ride the conditions in the General Terms and Conditions.

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद

पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---



ICMR - National Institute for Research In Reproductive and Child Health

Jahangir Merwanji Street, Parel, Mumbai - 400012
Department of Health Research, Ministry of Health & Family Welfare, Govt. of India

Phone: 022-2419 2134 / 2135 Email: stores@nirrh.res.in

Comprehensive AMC of Cummins Make 320KVA Diesel Generator Set

SCOPE OF WORK

The scope of work includes providing technically qualified engineers for Comprehensive Annual Services and Maintenance Contract including all preventive maintenance as per scope below and all breakdown maintenance as described in price bid. A certified Service report will be submitted for each work carried out and work will be done as per OEM recommendation only.

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2. Check lube oil level and conditioning of lube oil, top-up/refill if required.
3. The oil filters shall be replaced whenever the oil is changed.
4. The air filters shall be cleaned periodically with compressed air, check batteries and top up the distilled water if required.
5. Check to function of changing the alternator.
6. Engine safety viz. high water temperature gauge, oil pressure gauge, oil temperature gauge, and high-speed gauge shall be checked for their functions and repaired/replaced if required.
7. Coolant level and conditioning of coolant shall be checked and refilled if required.
8. Check fan and alternator drive belts and tightened if required.
9. The governor shall be checked and tuned for proper functioning.
10. Check for leaks if any and shall be rectified.
11. Check reports shall be submitted every month/every breakdown call.
12. Checking and servicing of engine for smooth running, its unusual sound and color of smoke and exhaust and set it right in case of deviations.
13. Checking and repairing and leakage of fuel, lubricating oil, and coolant.
14. Cleaning and changing of Air filters as per requirement.
15. Setting of Valves tappets whenever required.

16. Checking and repairing of accessories drive, Turbo Charger, and crankshaft endplay whenever required.
17. Checking of alignment and alignment of Engine and Alternator as per requirement.
18. Checking of throttle control and its setting.
19. Checking of the instrument of instrument panel including replacement as and when required.
20. Checking of rotating diodes assembly in brushless alternator including replacement as and when required.
21. Checking of wiring system and repairing/replacement as and when required.
22. Repair and Maintenance of Replays including contractors in the control panel.
23. Checking of battery terminal and de-sulfating/battery replacement.
24. Diagnosis of faults in engine and Alternator and its rectification.
25. Break down calls to be attended on priority within 6 hrs.
26. Providing spares AVR, Self Starter, and accessories, free of charge, if the repair/overhaul/replacement is expected to be taken in more than one day.
27. Checking/repair/adjustment/replacement/servicing shall be carried under AMC.
28. The firm should undertake to arrange genuine spares of the Diesel engine, alternator, and AMF panel as and when required within one working day.
29. The Tenderer's service engineer shall visit the site for attending the generator sets not less than twelve times during the contract period (minimum once a month) and shall inspect the generator set thoroughly. Each visit shall take place during the 1st week of each month.
30. The Tenderer's service engineer shall visit once in one month for checking of electrical side viz., alternator, AMF Control panel, if any.
31. The engine shall be run on no-load or at available load and should be checked for any leakage and abnormal noise. If any such abnormality is noticed shall be diagnosed and remedial action shall be taken.
32. The material like kerosene oil, cotton, grease, Mobil oil, nut-bolts, washer, and vibration pads shall be borne by the contractor within the quoted rate.
33. After the contract is over, DGSET will be jointly inspected and any shortcoming or defects pointed out shall be removed by the contractor before handing over DG SETs in perfect running condition otherwise work shall be carried out at risk and cost of the contractor.
34. The contractor shall not be allowed to change the specifications of repaired/replaced components during service and maintenance of DG Sets without the approval of competent authority, ICMR-NIRRCH.

35. Any breakdown of minor nature should be attended on the same day and major breakdown including repairing/overhauling and rewinding of the motor shall be within one day. Thereafter a penalty of Rs.2,000/-(Rupees Two thousand only) per day shall be imposed on the contractor and recovery will be made from the bill and work shall be carried out at the risk and cost of the contractor.
36. The supervisor has to submit the monthly report for the status of the DG Set otherwise penalty will be made Rs.500/-(Five Hundred Only) per report on this account.
37. The contractor will display the Emergency Telephone numbers of the concerned Engineer/technician/operator/contractor/expert which shall be contacted in the event of an emergency.
38. The CASMC covers all the functioning 'of all the equipment to run all three DG Set in excellent conditions round the clock and year-round, all type of break down and periodically/routine service of the DG sets as required at the site.
39. No Subletting of contract OR sub-standard work will be accepted in any case and no payment will be made.
40. The watch and ward of installation and accessories shall be the responsibility of the contractor till these are handed over back to the Institute.
41. Defective parts to be changed (like a piston, rings, etc.)
42. Head repair works and defective parts like valve guide, seal, etc. Control repair work.
43. FIP & injector & turbocharger testing/calibration
44. All rubber parts, joints, Fuel filter, etc. are to be replaced.
45. All defective parts are to be change
46. Radiator/heat exchanger cleaning, major overhauling, top overhauling, rewinding Jobsite are covered under the scope in the contract.
47. Records to be maintained
 - a. Maintenance register
 - b. Logbook.
 - c. Job card.
48. The contractor must provide 24 X 7 services and in the event of a breakdown, it's his/her duty that Engineer/technician/operator/contractor/ expert should reach the site at the earliest and also should restore the system to normal working conditions, failing which penalty will be imposed on the contractor at the discretion of the competent authority of ICMR-NIRRCH.
49. During ICMR-NIRRCH power shutdown complete PM of D.G Sets to be done

50. A site visit is necessary to ascertain the working condition of the DG set and quote accordingly.
51. DG set is to be covered under CMC contract in as it is condition and handed over at the end of contract period in fully functional condition. Otherwise, last quarter payment will not be cleared.
52. Contract is of full comprehensive type which covers all the parts and accessories required from start to end.

Buyer Added Bid Specific Terms and Conditions

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organization along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in India specific authorization certificate needs to be enclosed.
4. Generic OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 50% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
5. The Institute shall not be liable to make payment over and above the Comprehensive Maintenance Contract. All types of repair and replacement of spare parts shall be covered under the comprehensive Maintenance Contract if awarded.
6. No advance payment will be made in any case.
7. Payment will be done in quarterly basis after providing the service reports only signed & name with designation by the end user and to be submitted to the Stores section, ICMR NIRRCH
8. Each payment will be subject to Tax Deduction at Source (TDS) at the rate applicable from time to time.
9. ICMR NIRRCH will not provide any transportation and accommodation for the Engineers / representatives for attending services and have to make their own arrangements.
10. The contract may be terminated at any time by either party provided reasonable justification given in writing with 03 months prior notice. However in case of

non-compliance of terms and conditions, the contract may be terminated by the Director without any notice.

11. Any dispute arising out of this contract will be settled amicably between the parties.
12. All disputes are subject to the exclusive jurisdiction of competent court / forum in Mumbai, India only
13. No other condition of the firm is acceptable
14. The agency will be responsible for the safety of personal deployment by them for work of the site. In case of any accident/incident which may involve any injury or loss of life to the personal deployed by the agency, ICMR-NIRRCH is no way shall be responsible for such happenings and will not be liable for any type of compensation to any party. Safety of personnel deputed will be whole responsibility of the concern agency.
15. Contractor shall take all necessary steps to maintain the equipment (under the contract) in proper operating condition. Contractor shall use trained and appropriately supervised personal to perform the Maintenance Services.
16. All parts and components fitted by contractor will be original parts or components. If original parts or components are not available, the parts or components fitted will be of equal quality and functionality of reputed brands/makes with ISI mark only, after approval of ICMR-NIRRCH.
17. Contractor will keep sufficient Nos. of spares required for replacement during day to day maintenance and Breakdown /Corrective Maintenance to avoid delay.
18. The contractor shall provide Quarterly reports on the condition of the equipment in an agreed format. Records of each routine visits and call out visits, together with details of the work done or action done or action taken, shall be entered on a log book which shall be provided by the Contractor and retained in the location as decided by the Employer's Representative.
19. If the contractor makes any damages to any DG Set or the property of the Institute, during
20. The execution of the work will be recovered by the contractor.

SCHEDULE OF WORK

A. WEEKLY CHECK of DG Set:

- a. Cleaning of dust from DG Sets
- b. Clean the Radiator and FAN

- c. Check the oil level
- d. Clean the entire Air filters, 'V' belt tension, bearings, and strainers.
- e. Leak test of rectification.
- f. Checking of all electrical connections.
- g. Check the DG sets, accessories, and required parameters.
- h. Check all the control devices, safety devices, etc.
- i. Recording of fuel consumption average in a register.

B. MONTHLY CHECK of DG Set:

- a. Lubrication of all the bearings.
- b. Cleaning of all the electrical contacts.
- c. Check and adjust all the controls.
- d. Check and repair all the seals.
- e. Check and tighten the C.T. fan nut-bolts.
- f. Check all electrical connections/ground connections.
- g. Check and repair for any abnormal noise in the system.
- h. Check the electric control panel, power switches, and accessories.

C. QUARTERLY CHECK of DG Set:

- a. Checking of bearing and rectification.
- b. Tightening of foundation bolts of the entire equipment.
- c. De-scaling of Radiator if required.
- d. Checking of entire electrical panels and fault rectifications.
- e. Checking of DG Sets and associated controls.

D. D. HALFY EARLY COMPLETE SERVICE of DG Sets:

All DG Sets should be serviced complete with associated controls twice a year.

Payment Terms and Conditions:

1. The Institute shall not be liable to make payment over and above the Comprehensive Maintenance Contract. All types of repair and replacement of spare parts shall be covered under the comprehensive Maintenance Contract if awarded.

2. No advance payment will be made in any case.
3. Payment will be done in quarterly installments after providing the service reports only signed & name with designation by the end user and to be submitted to the Stores section, ICMR NIRRCH.
4. Each payment will be subject to Tax Deduction at Source (TDS) at the rate applicable from time to time.