



राष्ट्रीय अंतर्देशीय नौवहन संस्थान
(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)
गायघाट, गुलजारबाग, पटना – 800 007 (बिहार)
National Inland Navigation Institute
(Ministry of Ports, Shipping and Waterways, Govt. of India)
Gai Ghat, Gulzarbagh, Patna – 800 007 (BIHAR)



Tele: 0612 – 2311200-202, Website: www.niniedu.in

Ref: IWAI/NINI/DG Set/20-21/260

Date: 18.01.2021

To,

NOTICE INVITING QUOTATIONS

Sub: Notice Inviting Quotation for AMC of 2nos. DG set 125 KVA with Manpower (24x7) at NINI – reg.

Sealed Notice inviting quotations are invited from registered/Authorized firms for AMC of 2 nos. DG set 125 KVA with Manpower (24x7) at National Inland Navigation Institute, Gaighat, Patna-07. You are requested to submit your offer in sealed cover.

Scope of Work:-

1. Repair & maintenance jobs related to the DG Sets and other electrical equipments/appliances/ fittings may be carried out as per the Planned Maintenance System as prescribed by the manufacturer.
2. The authorized Service provider (henceforth it may called contractor) may carry out necessary repair adjustment of assemblies/sub assemblies in order to keep the D.G. set and other electrical appliances/equipments in good working condition and assuming the trouble free performance of DG set including other electrical equipments/appliances/fittings.
3. Contractor will carry out scheduled preventive maintenance checks on diesel generator sets as per the manufacturer service manual.
4. The contractor will report on the performance or any other abnormalities and inform parts requirements, shall also submit the report on work done and recommendation as well as spare offers to the concerned authorities for procurement.
5. Major overhauling/Top overhauling/fuel pump & injectors calibration/replacement of major parts/rewinding of alternators or repair or breakdown of the DG set may be charged extra.
6. Contractor may train the performance assigned for the operation & maintenance of DG sets including electrical appliances.

7. Starting batteries should be maintained as per manufacturer user manual. A separate battery log book to be maintained with all its parameters viz. voltage/specific gravity/ distilled water added etc.
8. A separate log book to be maintained all time on daily basis mentioning hourly activities/records which cover all data viz. load in KW/Amps, running hours, fuel consumption, repairs carried out etc.
9. A separate inventory registers to be maintained at all time for all consumable and parts of DG sets and electrical equipments/appliances etc.
10. Service Engineers to visit the site once in a month totaling to two visits in two months. The schedule of visits can be mutually decided.
11. Service Engineer will carry scheduled preventive maintenance checks on diesel generating sets as per the standard check list.
12. Replace minor parts (i.e hose and filters etc), sub assemblies as and when required from NINI, stock.
13. Attend emergency calls on priority (Usually same day). However if the engineer is required for any particular date and time, it would be the responsibility of the customer to intimate the contractor in advance.
14. Supply parts required for emergency on to be on priority with Officer In Charge approval.
15. To Pre intimate customer on engine repairs and overhaul requirement based on engine performance parameters.
16. Checking charging alternator output voltage with respect to specifications.
17. To check the condition of diodes/rotating rectifier assembly once in three months.
18. Checking of all electrical connections for their proper tightness including charging alternators and battery clamps.
19. Replacement of all filters, refilling of engine oils, checking of all nuts and bolts tightness, correction of engine alternator alignment and replacement of rubber insert/block of broken to be carried out.
20. To use trained man power and the operation of the DG Set/Engine/Submersible pump/Fire Pump within the recommended parameters. If contractor observes any discrepancies, DG /pumps should not be operated before the rectification of the defects.
21. To keep the DG set and its room neat & clean.
22. Not to allow any unauthorized person to carry out repair/maintenance of the engines.
23. To ensure quality of engine input like air, fuel, lubricating oil and coolant.
24. To ensure that average load factor on the DG set does not go beyond 70 to 80 on DG set.
25. To ensure the safe working environment for the operators/service personnel's.

Note:- POL shall be provided by the NINI after requisition from the deployed Manpower & further verification of Generator Log Book.

The entire AMC work is to be carried out in accordance with Guidelines of Engine Manufacturer & by employing qualified, experienced manpower. The works generally involved in this contract are day to day routine AMC and maintenance of:-

A. Diesel Engines operated Generator:

1. AMC of diesel operated generator set 02 Nos. (Kirloskar & Mahindra) of capacity 125 KVA.
2. Panel board for the above generator set.
3. Change over switch.
4. Distribution Cables and control gears, feeder, pillar etc.
5. Servicing of the DG set as per guidelines of Engine Maintenance including material such as oil, filter coolant etc.
6. Contractor has to take fullest precaution for the safety of the equipment installed and manpower employed. The contractor is solely responsible for any accident or damage to the equipment installed due to this negligence or bad workmanship and the same has to be repaired as decided by the Competent Authority.
7. IWAI/NINI reserve the right to terminate the contract of Providing AMC of 2 nos. 125 KVA DG Sets with Manpower at any time before expiry of the stipulated contract period by issue of one month's notice to the contractor. For such foreclosure, no compensation for reduction in scope shall be payable to the contractor. Similarly, if the contractor wants to withdraw the deployed manpower before expiry of contract period he will have to give one-month notice, failure to do so will result in forfeiture of deposited security amount.

B. Manpower:-

1. Relevant experienced Manpower (24X7) required for Operation of DG sets and other electrical related work .
2. The manpower deployed shall be fit and shall not more than 50 years of age.
3. The manpower deployed should be in uniform during duty hours. The uniform shall be provided by the firm.
4. The successful contractor shall mobilize adequate extra manpower as and when required at any time in order to attend to emergency break down or major repairs. It should be ensured that the sufficient numbers of workmen shall be engaged for this work.
5. All statutory provisions shall be borne by the firm.

C. Other Works:-

1. Any electrical related work in NINI campus as directed by OFFICER-IN-CHARGE
2. Preparation of reports as suggested by the Officer-In-Charge
3. Operation of submersible pump.
4. Operation of Fire pump.

The following measuring instruments are to be made available at the work site during the complete contract period.

1. Clamp meter
2. Multi meter
3. Megger
4. Hand gloves
5. Battery cell tester
6. Earth Tester

Terms and conditions:-

1. The rate should be inclusive of all taxes & statutory dues as applicable and terms of price shall be in Indian Rupees (INR).
2. The firm shall submit PAN no., GST registration, firm registration, Authorization certificate.
3. The Payment will be made after deduction of applicable taxed etc. If any. The payment against the bill only after satisfactory completion of work and certification of bill by the authorized person.
4. The quotation must have validity of at least three months. Work shall be carried out from period Feb-21 to March-21 and as directed by Officer-In-Charge.
5. If the work has not completed within the stipulated time (i.e. supply of manpower, servicing of DG sets etc.) as directed by Officer-in-charge ½% per day of penalty is to be charged, subject to maximum 10% of the value.
6. The bidder shall inspect the site and shall check the work to satisfy him before submitting price offer; otherwise Institute will not entertain any claim.
7. Price bid shall be submit in the format attached at Annexure-I which should be duly signed and stamped by the firm, and without any deviation/conditions.
8. After awardation of work, the agreement will be made on 2 nos. stamp papers of 1000 Rs. each & 10% security deposit will also be deposited before agreement same shall be released after completion of work i.e. March 2021.
9. For replacement of spare parts firm shall be intimate to NINI & cost for the replacement of spare parts shall be borne by NINI, Patna.
10. The work can be extended upon the mutual consent.
11. The bill shall be submitted on 5th of every month along with attendance proof, otherwise the delay charges of ½% per day shall be levied.
12. The sealed quotations shall be submitted up to 25.01.2021 before 15:00 hrs.

Prashant Kumar

Prashant Kumar
Officer In charge, NINI

Encl. as above

Annexure - I

Name of work: -AMC of 2 nos. 125 KVA DG Sets with Manpower at National Inland Navigation Institute (NINI), Gaighat, Patna during February 2021 to March 2021.

| Sl. No. | Description | Duration (Months) | Rate (Rs.) | Amount (Rs.) |
|---------|---|-------------------|------------|--------------|
| 1 | AMC of 2 nos. DG Sets 125 KVA (Kirloskar & Mahindra) along with Manpower (24X7) at NINI, Gaighat, Patna during February 2021 to March 2021. | 2 | | |
| | Total amount(Rs.) (Including GST & all other statutory dues, Service charges etc.) | | | |
| | Rupees in words (.....) | | | |

P. Kumar