



## {OFFICE OF CONSTRUCTION CELL}

### Notice Inviting Quotation

Sealed quotations are hereby invited by the undersigned on behalf of the Director, NIT Hamirpur from the various contractors/firms for the work of **“Repair & maintenance of 320KVA DG set (Jeewan Diesels & Electrical Ltd. Make & Mahindra & Mahindra Engine) in NIT Hamirpur (Estimated Cost : Rs.88800/-)** “as per detail given below. The Quotation must reach in the office of the undersigned on or before **12.01.2026 up to 3:00 P.M.** and shall be opened on the same day at **03:30 P.M.** in the presence of Contactor or their authorized representatives who may be present themselves.

Sr. No.	Description of Item	Qty.	Unit
1.	The comprehensive servicing of the 320 kVA Mahindra & Mahindra DG set includes complete preventive maintenance as per OEM guidelines, covering inspection of the engine, alternator, control panel, wiring, cooling system, lubrication system, fuel system, and exhaust system. All electrical and mechanical connections are checked and tightened and all consumables such as filters and oil are inspected or replaced as required. The DG set is thoroughly cleaned, lubricated, and test-run under load conditions to ensure optimal performance and reliability, and a detailed service report is submitted upon completion.	1	Job
2.	Supply and replacement of OEM-approved filter set, comprising the engine oil filter, fuel filter and bypass/secondary filter. All filters shall strictly conform to Mahindra & Mahindra specifications to ensure effective filtration and protection of engine components. The work includes removal of old filters, proper disposal as per environmental guidelines, cleaning of mounting surfaces, and installation of new filters with correct seating, sealing, and torque tightening to ensure leak-free operation complete in all . <b>Make: Mahindra &amp; Mahindra genuine part/ Fleet guard / Cummins Filtration/ Donaldson</b>	1	Job
3.	Supply and installation of OEM-approved dry-type air cleaner element suitable for the 320 kVA DG set. The work includes removal of the existing air filter, cleaning of the air filter housing, and fitting of the new element as per Mahindra & Mahindra OEM standards. <b>Make: Mahindra &amp; Mahindra genuine part/ Fleet guard / Cummins Filtration/ Donaldson.</b>	1	Job
4.	Supply and filling of high-grade radiator coolant with corrosion inhibitors conforming to ASTM standards for use in the DG cooling system. The work includes draining the old coolant, flushing the system as required, cleaning the radiator passages, and filling/topping-up the new coolant to the recommended level to ensure proper circulation and optimal cooling performance. <b>Make: Mahindra &amp; Mahindra genuine part /Gulf / Gulf Super Duty Coolant/ Castrol Radicool.</b>	60	Ltr
5.	Supply and filling of 30 litres of premium diesel engine oil meeting API CI-4 and OEM-recommended SAE viscosity grade specifications. The engine oil ensures optimal lubrication, superior wear protection, and high thermal stability for efficient DG engine performance. The work includes draining the used oil, cleaning the filler area, filling the new oil to the prescribed level, and verifying the oil level and condition as per OEM instructions. <b>Make: Mahindra Maximile Premium / Mahindra Genuine Oil/Shell Rimula R4 / R4X (API CI-4)/ Mobil Delvac MX / Delvac 1300 Super (API CI-4).</b>	30	Ltr

6.	Dismantling and complete overhauling of the self-starter, including servicing of the armature, replacement of worn-out bushes, replacement of carbon brushes, servicing of the solenoid assembly, and lubrication of all moving components. The self-starter is then reassembled, aligned, and tested to ensure smooth operation and reliable cranking of the DG engine complete in all respect.	1	Job
7.	Complete servicing and calibration of the fuel injection pump and injectors, including dismantling, cleaning, and inspection of all components. The injectors are pressure-tested for spray pattern, opening pressure, and leakage, while the fuel injection pump is calibrated to OEM-specified fuel delivery parameters. Complete in all respect.	1	Job
8.	Supply and installation of an OEM-approved V-belt and fan belt set suitable for the 320 kVA DG engine. The work includes removal of the worn-out belts, cleaning of pulleys, installation of the new belt set, and adjustment of belt tension and alignment as per OEM standards to ensure smooth operation of the alternator, water pump, and cooling fan, thereby preventing slippage, overheating, and premature wear. <b>Make: Mahindra &amp; Mahindra genuine part/Gates/ Fenner.</b>	1	Job
9.	Dismantling, cleaning, and complete servicing of the radiator, including leak detection, soldering/repair of leakage points, fin straightening/alignment, and thorough pressure washing of core and tanks to restore proper airflow and coolant circulation. After servicing, the radiator is reinstalled with correct mounting and hose connections and the coolant is topped up to the required level to ensure effective heat exchange and stable temperature control during DG operation complete in all respect.	1	Job
10.	Other miscellaneous works including dismantling, servicing, refitting, testing, and commissioning of all components, encompassing the use of tools, consumables, minor adjustments, and all necessary onsite handling complete in all respect.	1	Job

#### **TERMS AND CONDITIONS:-**

1. Postal Instruction: Quotations addressed to the undersigned may be sent on Letter Head Pad Of the firm as per schedule notified in quotations in sealed envelopes super-scribing the items of the offer and the date of opening. Offers/quotations received through electronic mail or fax will not be considered.
2. Submission of original documents: The bidders are required to submit (a) original technical documents in the O/O Executive Engineer, NIT, Hamirpur as specified with the quotation in the separate envelope.
3. Price/Rate: The price of the material may be quoted in Indian rupees & inclusive of all taxes as per Govt. of India notification.
4. GST: All the firms may invariably mention their GST numbers on quotation, failing which quotations may not be considered valid. Further, this Institution does not issue any C/D Concessional form, so the GST applicable as per actual rates must be mentioned in the offer. In case GST is not mentioned, the rates shall be treated as inclusive of all taxes.
5. Validity: Minimum validity of the quotation will be 03 months from the date of opening of the quotation.
6. Right of Acceptance/Rejection: Right of acceptance and rejection of any quotation in part or full without assigning any reason are reserved with the institution authorities.
7. The firm must have successfully completed either one work of identical nature with a value equal to or exceeding the tendered amount or two works of identical nature each with a value of at least 50% of the tendered amount, in any Central/State Government Organization, Public Sector Undertaking (PSU) or Corporate Sector. Copies of recent and relevant work orders along with corresponding completion certificates must be submitted with the quotation as proof of experience.
8. The firm's invoices may be prepared after successful completion of work, following the submission of a certificate from the Institute's Joint Inspection Committee confirming the satisfactory completion of services during the respective quarter.

9. The firm/contractor must have a valid "A" Class Electrical License duly issued from License issuing authority.
10. The material to be used shall strictly conform to the prescribed specifications and must be approved by the Engineer-in-Charge prior to commencement of the work.
11. Any dispute arising during the execution of work, including but not limited to labor accidents, shall be settled by the contractor at their own level and cost. NIT shall not be held responsible for any such disputes.

*Drey*  
Executive Engineer (Elect.)  
Construction Cell  
NIT Hamirpur (HP)

No. NIT/HMR/CC/CB/S-4/ 2026/ 4195-4201

Dated:- 02/01/2025.

Copy to the:-

1. Director for kind information please.
2. Registrar for kind information pleases.
3. Dean (P&D) for kind information please.
4. Associate Dean (EIM) for kind information please.
5. Junior Engineer (Elect.) for information please.
6. Drawing Branch of Construction Cell for information please.
7. Notice Board.

*Drey*  
Executive Engineer (Elect.)  
Construction Cell  
NIT Hamirpur (HP)