Nālandā UNIVERSITY
Rajgir, District: Nalanda, Bihar – 803 116
Ph. No: 06112 255330
Web: www.nalandauniv.edu.in

SHORT TERM NOTICE INVITING LIMITED TENDER (Urgent Requirement)

No. NU/Engg/Electrical/AJH/DG125/432 Dated: 14th June 2017

To

1. (As per list Attached)
2. Notice Board(NU)
3. Notice Board of the SDM, Rajgir
4. Notice Board(Nagar Panchayat), o/o Executive officer, Nagar Panchayat , Rajgir
5. Notice Board of CPWD, Patna
6. CPPP website (Tender id no 2017_NU_222741)
7. NU website

Dear Sir

On behalf of the Vice Chancellor, Nalanda University, Rajgir, Bihar, eligible bidders are being invited to submit quotation under two bid system (ENVELOPE-I: Techno commercial, Tender Processing, EMD fee along with eligibility credential and ENVELOPE-II: Price Bid) for "**providing and fixing of 125 kVA silent Diesel Generator set (DG Set) in Acoustic enclosure in Ajatshatru Residential Hall of Nalanda University at Rajgir, Bihar**" as per the Schedule of Quantities enclosed herein below as Annexure I and as per the Terms & Conditions specified here under:

1. The tender shall be accompanied with the following documents:

The Tender must be addressed to the Tender Accepting Authority as indicated below:
The Registrar, Nalanda University, Rajgir. Bihar-803116.

ENVELOPE-I: Technical Bid with Prequalifying Criteria

a. Demand Draft against the EMD @ INR 10000.00 & the Tender Processing Fee @ INR 1000.00 shall be placed in a sealed Envelope-I, superscripted as "Earnest Money, Tender Processing Fee" with name of Work and power of attorney also mentioned thereon. Copies of certificates of work experience and other prequalifying documents as specified in the NIT shall be deposited in a sealed Envelope 1 marked as "Eligibility Documents". The Eligibility criteria is indicated below separately in this NIT.
b. Bill of quantities duly filled in and compiled with rates, amounts, of the same and other relevant commercial information (tender) signed by authorized signatory shall be placed separately in a sealed Envelope-2 and shall be super scribed as "Price Bid". The price bid shall be opened of those successful bidder(s) only who will qualify the first stage of techno commercial round, successfully established and accepted by Nalanda University.

c. All the two envelopes shall be placed in large sealed envelope marked as "Supply, Installation, Testing and Commissioning of 125 KVA Silent D.G. Set along with AMF panel for Nalanda University's Interim Campus at Rajgir, Nalanda District, Bihar – 803116." with due mention of Name of work, date and time of opening of tender. The large sealed envelope shall be submitted in the office of Nalanda University up to scheduled time and date (1500 hours on 28/06/2017). The envelope 1 & 2 submitted by the tenderer shall be opened at 03:30 PM on same day in presence of presumed intending bidders. The large sealed envelope shall be addressed "To the Registrar, Nalanda University, Rajgir, Bihar".

d. Technical tender documents submitted by intending tenderers shall be opened only of those tenderers, whose Earnest Money Deposit and Tender Processing Fee and other documents placed in the Envelope 1 are found in order.

2. CRITERIA FOR ELIGIBILITY (TECHNICAL TENDER):

The eligibility criteria for the bidders is indicated below:

For CPWD registered Firm: The firm shall be registered and eligible and valid category in CPWD in accordance with the requirement of 125KVA silent DG set as stipulated in the scope of work of this NIT, may participate in this tendering process. The registered firm have to submit the valid registration certificate issued by the CPWD.

OR

For Valid Authorised Dealer of OEM/(Brand makes) or OEM/ Makes itself or the supplier on behalf of the OEM/makes (Only Approved OEM and DG brand makes as per this NIT): The valid and authorised dealer of approved makes/manufacturer or their authorised supplier with back to back support agreement as per this NIT, may participate in in this tendering process. The authorised dealer have to submit the valid certificate issued by the OEM/Make.

OR

The tenderer should have satisfactorily completed three similar works each costing not less than 40% of Estimated Cost and individual DG set rating not less than 80 % (Round off to next available higher capacity) of the DG set as specified/proposed in this NIT.

OR

Completed two similar works each costing not less than 60% of estimated Cost and individual DG set rating not less than 80 % (Round off to next available higher capacity) of the DG set as specified/proposed in this NIT.

OR

Completed one similar work costing not less than 80% of Estimated Cost and individual DG set rating not less than 80 % (Round off to next available higher capacity) of the DG set as specified/proposed in this NIT during the last seven (7) years ending 30.06.2015 (The works completed up to Previous day of last day of submission of Tender shall also be considered.) with a Central/State Government Department/Autonomous Body/Central Public Sector Undertaking/State Public Sector Under taking.

OR

The supplier recognised by the DGS&D RC until new RC is not published but not earlier the previous year (2016) RC may also participate in the tendering process.

Looking to the specialised item as per CPWD list, to avoid the dependencies on third party (other than manufacturer) during the services, in-order to attract maximum participation, urgent requirement, the Original Equipment Manufacturer (Engine or Brand as per this NIT) and supplier recognised by the DGS&D RC as above, are exempted to submit the EMD & Tender Processing fee, performance security AND security deposit the defect liability period. However, the DLP & Guarantee/Warranty period, shall be as per this NIT or latest RC of the DGS&D as said above whichever will

come on later for maximum period. In case of the compelling circumstance, the University reserve right to black list/(debar) the agency or recommend to the DGS&D or the Ministry concerned or the Govt body for applicable penalty

For the purpose of this clause, "similar work" shall mean any project for supply and fixing of DG set in India, however, Supply, Installation, Testing and Commissioning of D.G. Set along with AMF panel under composite works project executed in India under one agreement will more preferable.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to Last date of submission of bid/tender. The work completion certificate shall be issued from the rank not below Executive Engineer.

3. Last Date & Time for submission of quotations: 28th June 2017, 1500 Hours

4. Date & Time for opening of quotations: 28th June 2017, 1530 Hours.

5. Venue for Submission & opening of Quotations: Interim Campus of Nalanda University, At – Chhabilapur Road, Rajgir, District–Nalanda, Bihar – 803116.

6. Earnest Money Deposit (EMD & Tender Processing Fee: EMD @ **INR 10000**/-(Ten thousand only) and Tender Processing Fee @ **INR 1000/-** (One Thousand Only) through DD from any scheduled Bank in favour of "Nalanda University", payable at Rajgir.' The EMD fee is returnable, however, tender processing fee is non-refundable. The DGS&D supplier (Not earlier than 2016, means valid upto any month of the 2016), Original Manufacturer/Brand as per this NIT, MSME, CENTRAL PURCHASE ORGANSATIONS OR Ministry of External Affairs (MEA) (inline of the GFR, GOI, RULE 170) are exempted to submit the EMD and Tender processing fee.

7. Performance Security during execution @ 5 % of the tendered amount through DD from any scheduled Bank in favour of "Nalanda University", payable at Rajgir or FDR or BG (Format as provided in CPWD works manual). Successful bidder shall submit performance security immediately (within 7 days) after issuance of LOI. The DGS&D supplier (Not earlier than 2016, means valid upto any month of the 2016), Original Manufacturer/Brand as per this NIT, are exempted to submit the performance security.

8. Warranty: Minimum one year guarantee along with prompt service(s) OR as per the manufacturer which ever will be on later date. The response and resolution time shall not be more than 12 hours otherwise the University may take suitable action.

9. Security guaranty during defect liability period @ 2.5% of tendered amount shall be deducted from running bills and it may be released on submission of FDR/BG of requisite amount. On successful completion of each year the security amount shall be release on prorate basis.

10. Contractor:
The Contractor shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.

11. Mode of Submission:
a. The quotation may be sent by post or may be dropped in the Tender Box of the Nalanda University, Rajgir, placed in the Reception, on or before due date & time of receipt of offer as

indicated above. Quotations which do not reach this office latest by 3:00 PM on the due date, will not be opened and will be summarily rejected. The Nalanda University will not be responsible for any delay in receipt of quotation by post whatsoever may be the reason.

The Schedule of Quantities as per Annexure I shall be duly filled for the rates and signatures affixed wherever required. The sealed cover shall be super scribed with"**Providing and Fixing OF 125 KVA SILENT DIESEL GENERATOR SET (D.G. SET) IN ACOUSTIC ENCLOSURE IN AJATSHATRU RESIDENTIAL HALL OF NALANDA UNIVERSITY AT RAJGIR, BIHAR.** The quotation shall be signed by a person legally authorized to enter into commitment on behalf of the Bidder. Bidder shall submit Power of Attorney in favour of the person who is authorized to enter into commitments on behalf of the Bidder. If the bidder is an individual, the quotation along with the NIQ shall be signed by such individual above the full type written name and current address.

Copy of Certificates of PAN card, TIN/VAT registration and Service Tax registration or copy of the GST registration (if applicable) is to be submitted along with the quotation.

NALANDA UNIVERSITY will not be bound by any Power of Attorney granted by the Bidder or changes in the constitution of the firm made subsequent to submission of the bid or after the award of the contract. The University may, however, recognize such Power of Attorney and changes after obtaining proper legal advice, the cost of which will be borne by the Bidder.

The cancellation of any document such as Power of Attorney, Partnership Deed etc. should be communicated by the Bidder to the NALANDA UNIVERSITY in writing well in time, failing which NALANDA UNIVERSITY shall have no responsibility or liability for any action taken by NALANDA UNIVERSITY on the strength of the said documents.

Should the Bidder have a relative or relatives in NALANDA UNIVERSITY or one or more of its shareholders are a relative or relatives of the shareholder(s) employed in a superior capacity in NALANDA UNIVERSITY, the relevant authority inviting the quotations shall be informed of the facts at the time of submission of the bid, failing which the bid may be disqualified or if such fact subsequently comes to light, NALANDA UNIVERSITY reserves the right to take any other action as it deems fit in accordance with any applicable Law, Rules, Regulations of the like in force.

12. Validity of Quotations:
The offer shall be kept valid for a period of 90 days (Ninety days) from the date of opening of quotation.

13. Prices:
The Bidder should quote the final rates in both figures and in words (English) system as per the format provided in Schedule of Quantities (Annexure I). The amount for each item should be worked out and entered. Prices shall be quoted in Indian National Rupees (INR) only. This enquiry is based on door delivery principle which implies that the successful contractor will be responsible for fulfilment of any statuary payment in accordance of the Govt of India. The taxes will be as per the guidelines of GOI. However, no any additional charges like transportation or any other charges shall be paid extra.

14. **Billing & Payments:**
The Contractor shall submit the bill(s) / invoice(s) in a format to be decided between the NALANDA UNIVERSITY and the Contractor. The NALANDA UNIVERSITY shall release the payments within 15 Days from the date of receipt of the Bill(s)/ invoice(s) duly certified by Engineer in-charge along with necessary supporting documents, if found in order. However, the sequence for releasing payments shall be as detailed below:

a. 90 % payment shall be released after successful supply and installation.
b. 10 % payment shall be released after successful completion of the one moth of observation period after testing and commissioning.

15. Time Schedule:
The time stipulated for completion of job (Providing & Fixing both) in all is 30 days from issuance of letter of award or purchase order.

16. Nalanda University's Rights:
NALANDA UNIVERSITY reserves the right to accept a quotation other than the lowest and to accept or reject any quotation in whole or part, or to reject all the quotations received with or without assigning any reasons.

17. Extension Order:
Repetition of order: If required, Nalanda University reserves right to place 100% extension order or part hereof awarder work order on company subjected to the condition within one year from date of order.

18. Additional quantity other than SOQ: Nalanda University reserves right to place an extension order for any additional quantity to extent of 100% quantity of the original order on the same rates subjected to the condition within one year from date of order. However payment will be based on actual measurement of work.

19. Liquidated Damage:
If work is not completed within specified period a liquidation damage will be charged from contractor @ 0.5% per week from contractor up to maximum of 5% of contract value of tender.

20. Acceptance:
It is not binding to the University to accept the lowest or any tender. The Nalanda University reserves the right to accept or reject any offer at its option or place order with more than one supplier for full or part quantity of this enquiry without assigning any reason and the same shall be binding on suppliers unless otherwise stated in the offer. The University may cancel or reject the offer/order at any time without assigning any reasons. No correspondence shall be entertained on this account.

21. Disputes:
All disputes, if any, out of or in respect of this enquiry are to be settled at Rajgir or be tribunal only in any competent court situated at Rajgir, Bihar. Stated specifically to the contrary, it shall be deemed that you have agreed to all terms and conditions mentioned in the enquiry and the same shall be binding on you.

22. List of Approved Makes

SL	Item	Makes
1	Silent DG Set	OEM of Engine: Cummins/Caterpillar/Volvo Penta/ Kirlosker/Mahindra/Ashok Leland Alternator: Leroy somer, Stamford, Crompton as per the OEM/Brand (as per this NIT) Standard practise. Brand: KOEL/Crompton Greaves/Parkins/ Jacksons/ M&M/Ashok Leland
2	Selector Switches	As per manufacturer's practice.
3	Ammeter/ Voltmeter (Digital)	As per manufacturer's practice.

4	Voltmeter/Ammeter	As per manufacturer's practice.
5	LT Cable	Polycab/Gloster/Havells/ICI/CCI/RPG/Paragon
6	Control cable, 1100V grade	As per manufacturer's practice
7	Cable Lugs	Dowels/Asian
8	Cable Glands	Dowels / Asian
9	Control Cables and other Cables	Finolex/Polycab/Gloster/R.R. cable/ Havelles
10	Switch Gear	Siemens/ L&T/ ABB/ Schneider/As per manufacturer's practice.
11	AMF Panel	As above and as per manufacturer's practice.
12	DG set Model:	KOEL: Minimum KG 125 WS, However KG 125 HD is preferable or equivalent Or Mahindra: MHEPL C2 or equivalent Or The model recognised by the DGS&D RC valid upto latest (Minimum upto previous year 2016). Or Equivalent in case of others.

23. Technical specifications:

DG Sets:

23.1 General:

23.1.1 This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into operation of DG Sets.

THE WORK SHALL BE CARRIED OUT AS PER CPWD GENERAL SPECIFICATIONS FOR ELECTRICAL WORKS, DG SET, PART-VII, 2013 AND AMENDED, IF ANY, UP TO LAST DATE OF SUBMISSION OF BID SHALL BE APPLICABLE.

The diesel engine offered shall be of the regular production models of the manufacturer for industrial applications and already type tested either at the manufacturer's works or outside. The type test report shall be furnished to the NALANDA UNIVERSITY for review if so desired.

In case the proposed engine model has not been type tested, vendor shall furnish with the offer, a reference list of its existing industrial installation and at least three of these engines should have completed, 5000 hours of running at site.

Unless otherwise specified in the equipment data sheets, the diesel engine shall be provided with class A1 governing as per the latest edition of B.S. 5514.

The "Cyclic irregularity" of the diesel engine for direct coupling to an electric generator, "angular deviation of A.C. generators" given by diesel engine for parallel operation, and the "engine governor speed droop characteristics", shall be restricted to the values specified under the latest edition of B.S. 5514.

The vendor shall be responsible for carrying out torsional analysis of the dynamic system as specified in the latest edition of B. S. 5514. The results in the form of a report

shall be submitted to the NALANDA UNIVERSITY for scrutiny and reference, if desired.

Vendor shall provide the flexible exhaust connections to connect the engine exhaust to the exhaust piping. The required size of the exhaust piping should be clearly specified by the vendor.

The common base plate for mounting the diesel engine and the driven equipment as well as the flexible coupling, shall be supplied by the vendor. Vendor shall indicate in the bid, the IS Noise Level rating of the diesel engine with the offered exhaust silencer, which should not exceed more than 75 db at 1 Mtrs. Distance from enclosures or to be fulfil the compliance of latest CPCB –II or latest norms

a. DG Set is required to feed Backup Power Supply to the critical and sensitive load. Power supply system should be designed and engineered such that it enhances the life of the equipment / instruments / computer systems / network devices, etc. installed in the Nalanda University Campus/offices. It should not under any condition harm the quality of operation of these devices / systems.
b. DG Set system shall ensure safe shutdown of the systems / Equipments / instruments / controls in case of no-mains condition.
c. The System shall be designed and integrated with the other Facility systems such that it provides fail safe operations of the systems under no-mains / no-power conditions and /or the abnormal operating conditions such as fire, theft, intrusion, etc.
d. Vendor to check and confirm the space available for installation, operation and maintenance of the Silent DG Set system including panels, Fuel Tanks, Batteries, etc. offered.
e. There should be an Acoustic Canopy / Hood of the appropriate size and as per the norms of the Pollution Control board to suppress the noise of the DG Set to the acceptable level.

i)Engine Starting:

Diesel engines shall be capable of starting without the use of cold starting aids so long the ambient temperature at the site is not below 4° c. Where the diesel engine is specified / offered with battery starting arrangement, the starter motor shall be capable of starting the engine without having to disengage the driven machine with the help of a clutch. Where the diesel engine is equipped with a dual starter the synchronizing switch and the corresponding wiring / connection with the starter motor shall be provided by the vendor. In case of diesel engines driving the engine mounted battery charging alternator, the Vendor shall also provide automatic battery charging equipment suitable for taking power from supply authority's power source and mounted on a free standing type of a panel. The battery charger as specified in the equipment data sheet, shall be capable of delivering a current equal to 100% of the 20 hour discharge rate of the battery and also equipped with charging rate selector device. As specified in the specifications, the diesel engine is required to start / stop automatically, the vendor shall provide the necessary controls (automatic - cum - manual) in the engine panel and the interconnecting wiring and piping from the panel to the engine and starting equipment. A pilot lamp shall be provided in the line side of the starting equipment circuit to indicate that the controller is in the automatic position. In the event the engine does not start after three attempts have been made, the controller shall stop all further cranking and operate the audio-visual alarm.

ii) Cooling System-Vendor shall supply complete cooling system.

iii) Engine fuel system

Engine fuel system shall be complete in all respects but not limited to following:
The daily service fuel tank shall be equipped with shielded level gauge, strainer and a hand hole as per CPWD guidelines/of not less than 150mm diameter as per latest concerned standard, besides the required fuel connections and a drain plug. The inside surfaces of the fuel tank and the float tank shall be coated with Enamel Red or Black of I.C.I. or its equivalent and the outside surface to be given two coats of the oil resistant primer paint. The fuel tank shall be hydrostatically tested at a pressure as per CPWD guidelines/ suitable latest IS. Hand operated fuel oil transfer pump to transfer oil from barrels to day tank shall also be provided along with 1 Nos empty barrel of 500 litters capacity to be provided by Bidder: All piping, valves, fittings and supports inside D.G. house shall be part of supply. The work shall be carried out as per CPWD General Specifications for DG SET works 2013 (Part-VII), Fuel system for the engine shall be directly injection system / gravity fed to engine driven fuel pump, where provided. The daily service tank shall be complete with necessary support, gauges, valves, vent, drain, connecting tubing to the engine and filling pump. Fuel indicator, overflow line etc. This tank should be located such that fuel level is not above fuel injector. Suitable fuel filter, which can never be by-passed, should be incorporated as per manufacturer's recommendations. The replaceable element of fuel filter shall allow only clean fuel and suitably located to permit easy servicing. The fuel tank / service tank for the DG set shall be the integral part of the acoustic enclosure or housed outside the acoustic enclosures as per standard practice of the manufacturer. The capacity of the tank shall be for 12 hours continuous running of the DG set. The capacity of the tank shall be clearly indicated in the Technical Bid.

iv) Diesel Engine

Diesel Engine shall be of multi cylinders, vertical type, 4- stroke cycle, water-cooled, Natural Aspiration / turbo charged, shall be able to continuously develop the required BHP excluding the power requirement of the auxiliaries. The BHP capacity of the Engine shall be selected as per ultimate capacity of the Alternator selected after consideration of de-rating factors for the design temperature of 500C (Inside design temperature of Acoustic Enclosure) & as per tropical location of site as stated above including the de-rating of the Engine for similar conditions. Starter with 24 V D.C. Lead Acid Battery of 2X180 AH for 24 V DC system. The batter voltage capacity may be valid as per the standard practise of the brand/OEM as indicated in this NIT.

v) Exhaust System

The piping for the exhaust should have minimum backpressure consistent with other requirement. Pipes should be securely supported and provided with necessary dampers and flexible connections very near to the engine to isolate vibrations & shall be insulated with 50 mm thick Glass wool / Mineral wool / Rock wool of density not less than 46 Kg/m2 & aluminium cladding with 0.80 mm thick aluminium sheet shall be provided in full length. Exhaust stack height shall be provided as per CPWD General Specifications for electrical works part-VII (DG set) 2013. The exhaust gas limits for all power outputs shall preferably be within the limits as per IS and shall clearly be spelt out.

vi) Display Unit:

Features, Display Meter must have facility to display the KWH, KW, Current, Voltage, Temperature (Oil & water both, Lube Oil Pressure, Alternator Protecting alarm, cooling alarm etc.. (Minimum features must be as in KOEL KG934 series or

equivalent). The Electrical Parameters must be indicated in the three phase, single phase, and Average system both.

vii) Alternator

The alternator shall be rated for a continuous output of 125 KVA as per BOQ capacity at 0.8 P.F (lagging) at 415 V, three phase, voltage regulation + 1%, 50 Hz at the terminals suitable for the 4 wires system exclusive of power requirement of auxiliaries. The actual capacity of the Alternator shall be worked out considering de-rating factor for 125 KVA output at 50^{oC} and as per tropical location of Rajgir District Nalanda (Bihar). Next nearest size of alternator & Diesel Engine shall be proposed if the calculation does not exactly match with the readily standard DG Set manufactured by the manufacturer. De-rating data shall be provided from the manufacturer of the Alternator & Diesel Engine. Capacity of the alternator should be so designed that it can take 10% overload allowed for one hour in every 12 hours of operation of the D.G. set. Speed of the alternator shall be such that it is possible to couple the engine for direct drive. Mode of de-rating calculation for alternator & engine for the DG Sets of 125 KVA has been worked out as per attached calculation. These calculations may be termed & taken for reference only. De-rating calculations varies manufacturer to manufacturer & bider shall have to submit their calculation as per data from the manufacturer. Bider may bring out changes in model in technical bid, if their calculation so worked out for different suitable model. The alternator will be brushless rotating field type: screen protected with drip proof enclosure of self-excited and self-regulated. It shall be provided with suitable ball and roller bearing and fully confirming to the relevant IS. Self-excited self-regulated static excitation facility shall be incorporated in the machine design. The exciter unit shall be mounted on the control panel or on the alternator assembly as the case may be. Bearings at the ends shall have suitable nipples for replenishing the grease. The details of replacement intervals shall be available in the manual to be supplied with the machine. Class F/H insulation shall be used for stator / rotor windings. Two numbers earth terminals, one on each side with vibration proof connections with no ferrous hard ware, galvanized or plated and passivated washers etc. of 12 mm minimum diameter shall be provided on the body of the alternator.

viii) Starting System

Starting System of the Engine shall comprise of necessary heavy-duty battery of 180 AH capacity for 24 V DC starting system suitable for DC starter motor, axial type gear to match with the toothed ring on the flywheel. A bimetallic relay protection to protect the starter motor from excessively long cranking runs suitably integrated with the engine protection system shall be included within the scope of the work & requirements of control panel, indications and auxiliaries etc. The scope shall cover all cabling, terminals, including initial charging etc. The batter voltage capacity may be valid as per the standard practise of the brand/OEM as indicated in this NIT.

ix) AMF : Auto Main Fail System Must have two number contactor switch, at least, However, the supplier may provide motorised system as per their standard practise.

x) Rating Plate

A rating plate of corrosion resistant material shall be fixed on the generator frame and shall give the following information: Manufacturer's name.

a) Serial Number, Type and frame reference c) Rated output in KVA & KW
b) Rated power factor, frequency and voltage
c) Rated stators current and speed in Rev. / Min. f) Class of insulation
d) Phase rotation (CW or CCW) h) Customer's indent no.
e) Year of manufacture
f) Weight rotor and stators in K.

23. Test Certificates: As per CPWD or DGS&D RC (Prevailing or previous year if new RC not released).

24. Check List:

Main & Bigger Envelope superscripted with "Providing and fixing of 125 KVA Silent DG set addressed to the Registrar, Nalanda University, Rajgir must contain two sealed Envelopes together as indicated Below:

Envelope –I (Techno commercial and PQ Criteria, The envelope must be sealed)

a. Tender Processing Fee and EMD
b. Copy of Certificates of PAN card, TIN/VAT registration and Service Tax registration or copy of the GST registration, if applicable, power of attorney for authorisation to sign and submit the tender on behalf of the firm.
c. Signed copy of the NIT which means that bidder is accepting all the terms and conditions of this enquiry.
d. Technical data sheet, CatLog, makes, model etc, (if required).

Envelope –II (Price Bid)

a. The price bid offer in the prescribed format as per the Annexure-I. The price bid must be sealed

25. For any clarification may contact to the following officials:
I. Ms Swati Krishna, JE(E) @ +91-9102011241 [E-mail: skrishna@nalandauniv.edu.in]
II. Mr. Manoj Kumar, AE (E) @ +91-7033698507 [E-mail: mkumar@nalandauniv.edu.in]

Enclosed: Annexure I – Schedule of Quantities

Yours Sincerely

Finance Officer and Registrar (Ofg)
Nalanda University, Rajgir
District – Nalanda, Bihar

No. NU/Electrical/AJH/125DG/432 Dated: 14th June 2017

Annexure I (Please submits this on the firm/bidder's letter head)

Schedule of Quantities

Sl.No	Description	UNIT	Quantity	Unit Rate(RS)	Total Amount (Rs.)
Providing and Fixing of:					
1.	AMF operated 1 nos Silent Type Diesel Generating set along with having Primer Power Rating of 125 KVA 415 volts at 1500 RPM, 0.8 lagging power factor (PF 0.8, Volt 415 V, Freq 50Hz) suitable for 50 Hz, 3 phase system & Load factor as per CPWD Electrical works 2013, part-VII, (along with AMF control panel and first filling of fuel tank for trial run at site), DG set with AMF suitable for outdoor operations– 1 set	Set	1		
2	Four Wheel Trolley suitable toe for movement by tractor, comprising of following items and accessories suitable for 125KVA DG set: a. 4 Nos tyres with tube (Size 600x600x16mm) b. 4 Nos RIM suitable for 600x600x16 mm c. 2 Nos axel of 50 sqm or suitable as above. d. 4 set of leaf spring made out of suitable size hardened steel.. e. 4 Nos of mechanical screwed jacks each capable of supporting approx. 4 Ton load (minimum) or suitable for 125 KVA DG set trolley mounted. f. Over run break hydraulic type. g. Turn table along with bar h. One no. foot Air Pump i. Light indicator j. 1 Nos plate k. Tool Kit l. One Nos suitable size of cable box.	Ls	1		

3	Fixing Job on trolley (Installation, testing and Commissioning). The power cable and earhing shall be provided by the University.	Set	1		
4	Copper strip 25mm X 6mm for connection only	Meter	50		
5	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.as DSR 5.6, 2016(E&M), As per the direction of Engineer In Charge.	Set	1		
6	ED, CST/VAT, Entry Tax, Service tax and any other statutory taxes will be Extra as per the Government of India/Bihar.	As per GOI (Do not fill this)	As per GOI (Do not fill this)	As per GOI (Do not fill this)	Bidder Need not to fill this Tax section. The Statutory Tax shall be as per GOI/ Govt of Bihar/ Local Govt Body.
7	G Total in figure (INR)				
8	G Total in word (INR):				

NOTE:

1. Above price should be inclusive of each and every charge. Nalanda University should not be liable to pay any extra charges beyond price quoted above. The statutory taxes shall be paid by the bidder. However, bidder may claim as per the actual and statutory compliance. The ED, CST/VAT and Entry tax shall or any other statutory taxes shall be applicable as per the guidelines of the Govt of India.
2. While quoting the prices, the quality of material and works shall be confirming to the applicable standards.
3. Rates in various tapering steps shall not be considered.
4. The offers, with rates given in any other format (other than mentioned above) may be liable for rejection.

Signature with stamp
of the bidder
(Name in full & Designation)