

TENDER DOCUMENT

Last Date for submission of the Bids: 24th November, 2025 upto 12.00 pm

Sealed Bids are invited for purchase of “GENSET ”

Chairman Purchase Committee-NITRA invites sealed bids for purchase of “GENSET”

Details are as follows:

GENSET

Qty: 1Set

Feature/ Specification/ Description

1.	Prime Power (kVA)	250kVA
2.	Standby Power (kVA)	275kVA
3.	Rated Voltage	415V(3-ph
4.	Frequency	50 Hz
5.	Power Factor	0.8 lagging
6.	Engine Make	(e.g.,Cummins, Perkins,Volvo Penta, Koel S Series or equivalent)
7.	Engine Model	Specific model as per the brand
8.	Engine Power (kW)	200kW(approx.)
9.	Alternator Make	(e.g.,Stamford, Leroy Somer, or equivalent)
10.	Alternator Type	Self- excited, Brushless, IP23 enclosure
11.	Rated Speed (RPM)	1500 RPM (for 50 Hz)
12.	Cooling System	Water - cooled with radiator
13.	Fuel Consumption at 100% Load	~60-65 liters per hour (depends on engine)
14.	Fuel Tank Capacity	400-500 liters (for 8-10 hours of running time)
15.	Sound Level	<75 db(A) at 7 meters
16.	Control Panel	Digital Microprocessor-based Controller
17.	Automatic Voltage Regulator (AVR)	Yes, for stable voltage output
18.	Overload Capacity	10-15% for 1 hour (to handle transient loads)
19.	Battery Charger	24V, automatic type
20.	Air Intake	Heavy-duty air filter for dust- laden environments
21.	Oil Sump Capacity	50-80 liters (depending on engine model)

22.	Starting System	24V DC, Electric Start
23.	Coolant Capacity	30-40 liters (depending on engine size)
24.	Run Time Monitoring	Yes, with Diesel Metering and Running Hour Meter
25.	Fuel Metering	Integrated with fuel consumption monitoring (accurate consumption rates)
26.	Fuel Efficiency(kWh per Litre of Diesel)	3.2 to 4 kWh/Liter (depending on engine model and load factor)
27.	Monitoring & Diagnostics	Remote monitoring capabilities(optional), engine diagnostics and fuel consumption data
28.	Emissions Compliance	CPCB Stage IV+ compliant(emission norms)
29.	Warranty	Two Years

Packing and Submission of the bid/bids

A. The tender shall be submitted on or before 24-11-2025 (up to 12.00 PM) and at the address given in appendix-TF. Any tender received after this date and time shall not be accepted. Tenders shall be packed, marked sealed and submitted in original with the documents listed below.

Tenders shall be submitted in two separate sealed covers e.g. “Technical Bid” & “Financial Bid” for each instrument separately.

B. Sealed cover “Financial Bid” shall contain financial Specification.

- i. Bill of Quantities duly completed with price.
- ii. Covering letter in duplicate bringing out the tenderer’s reservations, if any, regarding compliance with the tender document and his own specific assumption, if any.
- iii. Bills/Schedule of Quantities duly completed with price which will be inclusive of all taxes (GST, Excise Duty, Customs Duty etc.) any other Govt. levies & all other charges (packing, forwarding, loading-unloading, erection and commissioning, insurance and any other incidental charges by whatever name called). Break-up of the taxes/ levies/ all other charges will also be mentioned.
- iv. It is necessary to fill the Tender Value precisely. In case, all individual items are not quoted, it will be deemed that the Tender Value is inclusive of quotes of all the individual items as per the tender document.

C. Sealed cover “Technical Bid” shall contain

- i. SSI Certificate if the Manufacturer/supplier, is registered as small industries with the Government.
- ii. Profile of the Bidder’s Organization.
- iii. Copy of the PAN Card of the Organization.
- iv. Copy of the Registration Certificate of the organization.
- v. If the bidder does not manufacture the equipment, authorization of the manufacturer to the bidder for marketing and servicing the equipment in India should be closed along with the tender. In the absence of such authorization, the tender will not be considered.
- vi. Technical Specifications in detail of item for which bid has been submitted.
- vii. List of items with quantities for which the financial bid has been submitted.
- viii. The item for which the bid has been submitted should contain the list of clients to whom the respective equipment with same specifications has been supplied.
- ix. Tender documents, which shall be signed by the authorized person(s) and seal affixed.

D. The sealed envelope containing the covers ‘Technical Bid’ & ‘Financial Bid’ as above shall be marked in the name of the Chairman Purchase Committee, NITRA, Ghaziabad indicating the name of the item for which the bid is submitted.

Terms & Conditions:

1. Modifications if any of the tender documents will be made by addenda/corrigenda. One copy shall be signed, sealed and submitted packed along with the tender documents.
2. No Bids/Quotations shall be entertained, if it is not sealed properly, or sent through e-mail, fax, telex or telegraphic mode.
3. The quoted price should be written both in words and in figures. In case of conflict between the figures and words in the rates, the latter shall prevail.
4. The suppliers of the item should provide both theoretical and practical training after commissioning at an appropriate stage.

Terms of Payment:

1. The terms of payment in case of indigenous equipment/ machinery & accessories shall be as under :
 - a) 20% of the machinery cost ex-factory will be paid as advance against confirmation of orders.
 - b) 70% payment will be made against successful installation, commissioning and demonstration of satisfactory performance of the machinery / equipments at site.
 - c) Balance 10% payment will be made within one month from the date of installation & submission of Performance Guarantee for 12 months. If performance guarantee is not being submitted, then remaining payment will be released after 12 months from the date of installation. Format of Bank Guarantee will be provided in due course.

TENDER OPENING DATE & TIME: 24-11-2025, 03.00 pm at NITRA Ghaziabad

Email:mail@nitratextile.org(for any query/clarification)

PhoneNos.:0120-2807390/91/92/93/94/95

TENDER FORM

To,
The Chairman
Purchase Committee
NITRA, Sector-23,
Raj Nagar
Ghaziabad-201002
U.P.

Sub: Purchase of “GENSET” to NITRA, Ghaziabad as per the specifications and Quantities mentioned in the tender.

Dear Sir,

- a. Having examined the conditions of Tenders/ Specifications of the equipment, we, the undersigned, offer to supply equipment as per specifications given in the tender.
- b. We agree to abide by this tender for the period given in Appendix TF from the opening date fixed for receiving the same and it shall remain binding upon us for a mutually extended period agreed in writing by us.
- c. If our tender is accepted, we undertake to supply the Equipment and install the same in Nitra, Ghaziabad mentioned in the tender within the specified periods in Appendix-TF on receipt of written order from the Purchase Committee, NITRA.
- d. If our tender is accepted we will obtain and arrange:
 1. Transit insurances
 2. Any other statutory obligation, if any, prior of commencement of supply of equipment.
- e. We agree to your right to cancel the order or stop payment with out prejudice to any other right or remedy for the following failures on our part.
 1. Changes to tender are made within Validity Period as specified in Appendix-TF.
 2. Supply and installation of equipment is not commenced within specified period as given in Appendix-TF.
 3. Obligations under(e) above are not fulfilled.
- f. Unless and until a formal agreement/purchase order is prepared and executed ,this tender together with your written acceptance there of, shall constitute a binding contract between us.
- g. We understand that you are not bound to accept the lowest or any tender you may receive.
- h. We agree to make a presentation of the products to be supplied by us, before the Purchase Sub-Committee on the date specified by it.
- i. Fluctuation in foreign exchange rates in respect of the imported equipment shall be borne by the equipment suppliers / authorized Agents.
- j. We hereby declare that the rates quoted by us are the lowest rates.

Authorized Signatory

to tenderer

Signature dated

Designation / Capacity

Name

Address

WITNESS 1

Signature

Name

DATE

ADDRESS

WITNESS 2

Signature

Name

DATE

ADDRESS

APPENDIX - TF

Sr. No.	Particulars	Remarks
1	Validity of Tender	180 days
2	Address, date and time of submission of the Tender Documents.	The Chairman, Purchase Committee, NITRA, Sector-23, Raj Nagar, Ghaziabad, U.P.- 201002, India. (24-11-2025 up to 12.00 PM)
3	Supply, Installation & Demonstration of Instrument/ Machine	Within one month from the date of placement of order , failing which order may be cancelled.
4	Period of Warranty/ Performance guarantee of Instrument/ Machine.	Two years
5	Submission of the Programme for delivery.	Within 21 days from the date of the acceptance of the order placed.

SEAL AND SIGNATURE OF TENDERER

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