



## GOVIND BALLABH PANT SOCIAL SCIENCE INSTITUTE

(A Constituent Institute of the University of Allahabad)

Prayagraj, Uttar Pradesh - 211019

### **Notice Inviting Tender**

For

**“Tender for 250 kVA diesel generator set (as per CPCB-IV norms) with acoustic enclosure with AMF panel with installation at Govind Ballabh Pant Social Science Institute, Prayagraj”**

## **A. Background:**

The Govind Ballabh Pant Social Science Institute (hereinafter referred to as GBPSSI) is a premier research and Teaching Institute in the Social Sciences and Developmental studies in India. Established in the year 1980 under the joint auspices of the Indian Council for Social Science Research (ICSSR), the Government of India and the Government of Uttar Pradesh, in the year 2005, became a constituent Institute of Central University of Allahabad. The Institute has taken relentless strides in its efforts to improve both theoretical and applied research in social sciences and management. With particular impetus in fields of socio-economic and human development, environment, culture, and public policies. The research institute also provides academic as well as professional support by way of training and consultancy to both government and non-government organizations. Tender documents can be downloaded through the GeM Portal/ Institute website <https://www.gbsssi.in>

## **B. Subject and Brief Scope of Work:**

Supply, Installation, Testing and Commissioning of 250 KVA Diesel Generator (DG) Set (as per Latest CPCB IV+ Emission regulation) with Acoustic Enclosure, with AMF Panel, with Installation as per specifications mentioned in this document at GBPSSI, Prayagraj.

## **C. Technical Bid:**

To qualify in the Technical bid the firm should have the minimum eligibility criteria as under and the firm in this regard must submit the following documents in support of their eligibility criteria – Check list of document (Technical Bid).

- a.** Specify your firm/company is a manufacturer/ authorized dealer/ distributor/ Agency (Attach attested copy)
- b.** Bidder security as specified in the NIT
- c.** EMD details (original to be submitted at GBPSSI, Prayagraj)
- d.** Copy of turnover certificate/income tax return (ITR) filed acknowledgements for last 03 years
- e.** Check list of document (Annexure-I)
- f.** Technical specification/datasheet/brochure in support of compliance statement (Annexure- II)
- g.** Tender Acceptance letter (Annexure-III)
- h.** Delivery schedule.
- i.** Warranty details.
- j.** The bidders should not have been suspended or blacklisted by any Govt. Organization (An undertaking to this effect must be submitted by the bidder that the firm has not been suspended or blacklisted by any Govt. Organization on company letter Head. (Annexure-IV)

- k.** Declaration as per Annexure-V
- l.** Self-Certificate for Local Content (Annexure-VI)
- m.** Proforma for Tender Specific Authorization or OEM (Annexure-VII)
- n.** Bid security declaration from bidders as per GFR 170 (iii) (Annexure-VIII)

**Note:** No price information shall be mentioned in technical bid otherwise the entire bid may be rejected. In case of any breakdown, it is very important to resolve issue as soon as possible.

**Instruction to seller/bidder:**

The Bidder shall not be entitled to hold any claim against Buyer for noncompliance due to lack of any kind of pre-requisite information as it is the sole responsibility of the Seller/ Bidder to obtain all the necessary information with regard to site, surrounding, working conditions, weather etc. on its own before submission of the bid.

**D. General instruction for price bid:**

The Prices quoted should be inclusive of all taxes or duties etc. at destination site (GBPSSI, Prayagraj). The rates shall be of firm and final. Nothing extra shall be paid on any account. GST charges should clearly be mentioned in price bid.

**E. Other terms and conditions of the tender:**

- a.Delivery:** Within 90 Days from the date of received of the Purchase Order.
- b.Insurance:** Transit insurance covering all risk for all the items is to be arranged by the supplier.
- c.Validity:** The bid should be valid for acceptance up to a period of 120 Days. The Bidders should be ready to extend the validity, if required without any additional financial implications.
- d.Warranty/Guarantee:** -The offer should clearly specify the warranty or guarantee period for for the DG set etc.
- e.Transportation of Goods:** The Supplier will arrange transportation of the ordered goods as per its own procedure.
- f.Terms of Payment:-**
  - 1. No advance payment against pro forma invoice will be made.
  - 2. 100% payment against successful installation, training and submission performance security in the form of Bank Guarantee of 3% of the total value of item. Bank Guarantee of 3% of the total value of item will be released beyond 2 months after completion of warranty period.
- g.Liquidated damage** as decided by GBPSSI will be charged, if the item(s) is/are not delivered within the stipulated time frame.
- h.GBPSSI reserves the right to levy a penalty for delay in delivery of material.** This penalty shall be @ of 0.5 % of Purchase Order value per week of delay in deliveries/ execution of the order successfully, subject to maximum of 10% of the order value. Part of the week shall be considered as full week. GBPSSI may cancel the order in case the delay is more than 5 weeks with forfeiture of EMD/Security Deposit.

i. Any disputes, legal action/matters, arising out of/ resulting from/related or incident to the tender /quotation/Purchase order/invoices/delivery/payments shall be subject to exclusive jurisdiction of Prayagraj -211001. Laws of India shall govern this tender as well as any or all transactions /documents/deeds/actions/PO arising out of/ resulting from this tender.

j. The Bank/RTGS details must be submitted along with the quotation/Tenders on the letter head.

**k. Language of the Bid Proposal:** The Language of the bid proposal as prepared by the Bidders should be in English and all further correspondence with the office and all the documents pertaining to the bid proposal shall be in English & Hindi.

## **I. REJECTION OF STORES:**

**Institute's Rights:** Director, GBPSSI, Prayagraj-211019 Uttar Pradesh reserves the right to accept or reject any or all the bids without assigning any reason thereof.

**Force Majeure:** If the performance of the obligation of either party is rendered commercially impossible by any of the events hereinafter mentioned the same party shall notice of 15 days from the date of such an event in writing to the other party.

a) Government regulation; b) Legislation; c) Natural disasters; d) Strike; e) Lock out; f) Act of god.

### **A. Preference to “MSME”:**

GBPSSI complies with Public Procurement Policy **Micro and Small Enterprises (MSEs) Order, 2012** as notified under **section 11** of MSME Act, 2006. Purchase preference shall be given to MSEs in all procurements undertaken by GBPSSI in the manner specified as below:

· In case of splittable or dividable, etc., MSMEs quoting price within price band L-1 + 15%, when L1 is from someone other than MSMEs, shall be allowed to supply at least 20% of tendered value at L-1 subject to lowering of price by MSMEs to L-1.

· In case of non-splittable or non-dividable etc., MSEs quoting price within price band L-1 + 15% may be awarded for full/complete supply of total tendered value to MSME, considering spirit of policy for enhancing the Govt. Procurement from MSME.

### **B. Preference to “Make in India”**

GBPSSI complies with Public Procurement Policy (Make in India) vide order No.P-45021/2/2017-PP (BE-II) dated 16 Sept 2020, issued by Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Govt. of India. Purchase preference shall be given to local suppliers in all procurements undertaken by GBPSSI in the manner specified in the above-mentioned O.M. Further, the guidelines mentioned below shall be followed:

### **Verification of Local Content-**

This ‘Class -I local supplier’/ ‘Class-II local supplier’ at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for ‘Class-I local supplier’/ ‘Class-II local supplier’ as the case may be. They shall also give details of the location(s) at which the local value addition is made.

**Definitions:**

'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

- 'Class –I local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined under this order.
- 'Class–II local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 20% but less than 50%.
- 'Non -local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than 20%.

## Annexure-I

### Check list of document (Technical Bid)

Sr. No	Check list of documents/ undertakings	Compliance Yes/No.	Reference, Page No
1	Name of the firm/company/proprietary concern registered		
2	Address of registered office		
3	Address of the Authorized service center		
4	Telephone Nos./Fax/E-mail		
5	Specify your firm/company is a manufacturer/ authorized dealer/ distributor/ Agency(Attach attested copy)		
6	MSME/StratUp/Vendor Assesment certificate (Attach attested copy)		
7	EMD details/ bid security declaration		
8	Copy of turnover certificate/Income Tax Return Filed Acknowledgements for last Three years.		
9	Original Technical Catalogue of the quoted model (enclose) in support with Annexure-II		
10	Accepted for all terms & conditions as per tender document		
11	Technical specification and compliance statement as per the tender document in Annexure-II.		
12	Tender Acceptance Letter as per the tender document in Annexure-III.		
13	The bidders should not have been suspended or blacklisted by any Govt. Organization (An undertaking to this effect must be submitted by the bidder that the firm has not been suspended or blacklisted by any Govt. Organization on company letter Head. (IV)		
14	Declaration Certificate as per the tender document in Annexure-V.		
15	Public Procurement (Preference of Make in India) Verification of Local Content self- certification as the case may be. Refer clause 'R', Annexure-VI		
16	Proforma for Tender Specific Authorization or OEM, Annexure-VII		
17	Tender Specific Authorization letter should be submitted by Bidder of respective OEM.		

(Signature of Authorized Person)

Name:

Designation:

Name of Firm/Company/Agency:

**Annexure-II****Technical Specification and compliance statement**

Supply, Installation, Testing and Commissioning of 250 KVA Diesel Generator (DG) Set (as per Latest CPCB IV+ Emission regulation) with Acoustic Enclosure, with AMF Panel, with Installation, at GBPSSI, Prayagraj.

Sl no.	Parameter/ Specifications	Compliance (Yes/No)	Remarks
1.	Supply, installation, testing and commissioning of 250 kVA Diesel Generator (DG) Set (as per Latest CPCB IV+ Emission regulation) with Acoustic Enclosure, with AMF Panel, with Installation as per specifications given in this document.		
2.	Transportation of DG Set is up to Site (up to Installation foundation). Dismantling, assembling, shifting, head loading, training etc. if required shall be in scope of seller/ bidder		
3.	Removal of existing DG Set of 100 kVA (required for the installation work) and building in shape of tin shed after installation work shall be in the scope of seller/ bidder.		
4.	Buyback of old 100kVA DG Set (to be considered while quoting the prices), details are given in the specifications under scope of services in this document and corrigendum.		
5.	Engine make & model No. along with manufacturer's catalogue containing technical specification etc. to be submitted with the technical bid.		
6.	Alternator make and Model No. along with manufacturer's catalogue containing technical specification etc. to be submitted with the technical bid.		
7.	Gen set make & Model No. along with manufacturer's catalogue containing technical specification etc. to be submitted with the technical bid.		
8.	<b>AMF control panel:</b> Control panel should have provision (provide the interface terminal points) to start and stop the DG set as per requirement.		
9.	Original Equipment Manufacturer (OEM) certificate/ OEM Authorization Letter to be submitted by bidder/vendor with GeM tender reference number along with technical bid. Note: Authorisation letter must have mobile number/email address for verification (if required).		
10.	OEM comprehensive warranty period support: 24 months (Minimum).		
11.	DG set OEM should be engine manufacturer OR should be authorized Gen set Original Equipment Manufacturer (GOEM) of engine manufacturer.		
12.	Technical catalogue, model No. etc. of BOQ items to be submitted with Tech. bid.		
13.	OEM nearest authorized service centre address, contact details etc. for service support and OEM toll free number for 24x7 days to be submitted with technical bid.		
14.	Drawings, documents and manuals, as specified in details, to be submitted.		
15.	<b>Factory Acceptance Test:</b> DG Set shall be tested as per requirement at factory before dispatch.		
16.	Test reports and certificates etc. as mentioned in this document.		

(Signature of Authorized Person)

Name:

Designation:

Name of Firm/Company/Agency:

Contact Details

**TENDER ACCEPTANCE LETTER**

(To be given on Company Letter Head)

Date:

To,  
**The Director,  
GBPSSI, Prayagraj-211019.  
Uttar Pradesh.**

**Sub: Acceptance of Terms & Conditions of Tender.**

**Tender Reference No:** \_\_\_\_\_

**Name of Tender / Work: -**

Dear Sir,

1. I / We have submitted online tender document(s) for the above mentioned Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc. .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organizations too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by the our firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

**(Signature of the Bidder, with Official Seal)**



**UNDERTAKING REGARDING BLACKLISTING**

**(To be given on Company Letter Head)**

**Date:**

**To,**

**The Director,  
GBPSSI, Prayagraj-211019.  
Uttar Pradesh.**

**Sub: Undertaking Regarding Blacklisting.**

**Tender Reference No:** \_\_\_\_\_

**Name of Tender / Work: -**

\_\_\_\_\_

We hereby confirm and declare that we, M/s -----, is not blacklisted/ De-registered/ debarred by any Government department/Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services.

For -----Authorized Signatory

Date:

**DECLARATION**

**(To be given on Company Letter Head)**

From:-

M/s.....

.....

To

The Director,

GBPSSI, Prayagraj-211019.  
Uttar Pradesh.

1. I, \_\_\_\_\_ Son / Daughter / Wife of  
Shri \_\_\_\_\_ Proprietor/Director authorized signatory of  
the agency/Firm, mentioned above, is competent to sign this declaration and execute this  
tender document;
2. I have carefully read and understood all the terms and conditions of the tender and  
undertake to abide by them;
3. The information / documents furnished along with the above application are true and  
authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact  
that furnishing of any false information / fabricated document would lead to rejection of  
my tender at any stage besides liabilities towards prosecution under appropriate law.
4. I/We further undertake that none of the Proprietor/Partners/Directors of the  
Agency/agency was or is Proprietor or Partner or Director of any Agency with whom  
the Government have banned /suspended business dealings. I/We further undertake to  
report to the Director, GBPSSI, Prayagraj immediately after we are informed but in any  
case not later 15 days, if any Agency in which Proprietor/Partners/Directors are  
Proprietor or Partner or Director of such an Agency, which is banned/suspended in  
future during the currency of the Contract with you.

Yours faithfully,

(Signature of the Bidder)

Date: Name:

Place: Designation

Seal of the Agency

Address:

**Annexure- VI**

**Format for Self-Certificate for Local Content  
(TO BE SUBMITTED AS A PART OF TECHNICAL BID)**

To  
The Director

GBPSSI, Prayagraj-211019.  
Uttar Pradesh, INDIA

**Sub:** Self-Certificate for Local Content

**Tender Ref. No.** \_\_\_\_\_  
**Tender ID:** \_\_\_\_\_

\* I / We .....(Name of the Bidder) hereby confirm in respect of quoted item(s) that Local Content is equal to or more than 50% and come under ‘Class-I Local Supplier’ Category. As being ‘Class-I Local Supplier’, we are eligible for Purchase Preference under ‘Make in India’ Policy Vide Govt Order No. P-45021/2/2017-PP (BE-II) dated 16 Sept 2020.

**OR**

\*\* I / We .....(Name of the Bidder) hereby confirm in respect of quoted item(s) that Local Content is equal to or more than 20% but less than 50% and come under ‘Class -II Local Supplier’ Category.

**OR**

\*\*\* I / We .....(Name of the Bidder) hereby confirm in respect of quoted item(s) that Local Content is less than 20% and come under ‘Non-local supplier’ Category.

The details of the location(s) at which the local value addition made is/are as under:

- 1.....
- 2.....
- 3.....

\*Applicable for ‘Class-I Local Supplier’ Category

\*\* Applicable for ‘Class-II Local Supplier’ Category

\*\*\* Applicable for ‘Non-local supplier’ Category

Yours faithfully,

(Signature & Seal of the Authorized Signatory of Bidder)

Name and Designation of Authorized Signatory:

Name of Firm/Company:

Place:

Date:

**Annexure – VII**

**Proforma for Manufacturer’s Authorization or Tender Specific Authorization**

(This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.)

To  
The Director  
GBPSSI, Prayagraj-211019.  
Uttar Pradesh.

Subject: Manufacturer Authorization Letter or Tender Specific Authorization

**With reference to the GeM Bid No \_\_\_\_\_**

**We \_\_\_\_\_ (manufacturer name) having our office at \_\_\_\_\_ (Manufacturer address), authorizes \_\_\_\_\_ (System Integrator name and address), our system Integrator in India, to quote and supply to you the following equipment manufactured by us:**

- 1.
- 2.

**We further certify that the products quoted are standards based and our standard OEM comprehensive warranty support shall be available for 2 years on equipment. We confirm that the Warranty/Support for the products shall be to ARIES irrespective of the involvement of System Integrator.**

**We also confirm that the products offered are currently available in the market and shall not be end of life at least for Ten Years. The products will be supplied without any change in specifications.**

For customer service support our dedicated toll free number for 24x7 days is -----  
-----

**Yours faithfully,**

**(Signature & Seal of the Authorized Signatory of Manufacturer)**

**Name and Designation of Authorized Signatory:**

Name of the Manufacturers

**Place:**

**Date:**

**Annexure- VIII**

**BID SECURITY DECLARATION FROM BIDDERS AS PER GFR 170 (iii)**

**(To be given on Company Letter Head)**

**Date**

I / We, (the authorized signatory of firm) -----, participating in the subject tender  
No. ----- for the item / job of -----

(1) That I / we have availed the benefit of waiver of EMD while submitting our offer against the subject tender and no EMD being deposited for the said tender.

(2) That in the event we withdraw / modify our bid during the period of validity or I / we fail to execute formal contract agreement within the given timeline or I / we fail to submit a Performance Security within the given timeline or I / we commit any breach of Tender Conditions / Contract which attracts penal action of forfeiture of EMD and I / we will be suspended from being eligible for bidding / award of all future contract(s) of GBPSSI, Prayagraj-211019 Uttar Pradesh. for a period of three year from the date of committing such breach.

Yours sincerely,  
(Signature of the Bidder, with Official Seal)

**Annexure- IX**

**BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY**

To,  
The Director,  
GBPSSI, Prayagraj-211019.  
Uttar Pradesh.

WHEREAS .....  
(name and address of the supplier) (hereinafter called “the supplier”) has undertaken, in pursuance of contract no..... dated .....to supply (description of goods and services) (herein after called “the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of ..... (amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the ..... day of ....., 20.....

(Signature of the authorized officer of the Bank)

.....  
Name and designation of the officer  
.....

Seal, name & address of the Bank and address of the Branch

**250 kVA DIESEL GENERATOR SET (AS PER CPCB-IV NORMS) WITH ACOUSTIC ENCLOSURE WITH AMF PANEL WITH INSTALLATION**

Sr. No.	Item description	Quantity	Unit
1.	<p>Supply, installation, testing and commissioning of 250 kVA, 3 Phase, 415V AC, Silent DG Set comprising of Engine, with minimum 310 BHP, at 1500 RPM, coupled with alternator of same make mounted on a common base frame complete with</p> <ul style="list-style-type: none"> <li>a) AMF control panel</li> <li>b) Fuel tank</li> <li>c) Battery &amp; leads</li> <li>d) Silencer – Residential</li> <li>e) AVM pads</li> <li>f) First Fill of lube oil</li> <li>g) Acoustic enclosure</li> <li>h) Aluminium Power cable as per GeM Standard</li> <li>j) Transportation upto Site</li> <li>k) Commissioning</li> <li>l) Remote monitoring system will be provided from engine manufacture.</li> </ul>	1	No.

**INTENT OF SPECIFICATION**

The specification is intended to cover design, manufacture, assembly, testing at manufacturer's works, supply & delivery, properly packed for transport FOR site of one (1) no. 250 kVA Diesel Generator Set complete with all accessories and AMF Panel, as well as erection testing & commissioning at site, up to satisfactory & trouble-free operation / handing over to the Owner . The equipment shall be fully compliant with the following special requirement:

Noise, Emission & Smoke limits : As per latest Amendment of Environment (Protection) Act 1986

Noise level : Less than or equal to 75db (A) at a distance of 1M from of Acoustic Enclosure as per CPCB Norms

Enclosure : Acoustic enclosure with Residential Silencer

Service : Outdoor

Site Condition : The DG Sets and its auxiliaries shall be designed for smooth, efficient and trouble free operation in tropical humid climate having relative humidity of 88% and maximum ambient temperature of 40°C. However, the maximum ambient temperature and the maximum relative humidity are not likely to occur simultaneously.

**2.0.0 SCOPE OF WORK**

The DG Sets shall be supplied as well as installed for Standby power supply.

**2.1.0 SCOPE OF SUPPLY**

**2.1.1** One (1) no. 250 kVA 415V, 3 phase, 50Hz Diesel Generator set with acoustic complete with Control Panel for protection, metering & operation and all accessories as specified.

**2.1.2** Bidder shall submit drawings, documents and manuals, as specified in details elsewhere in this specification. The Dg Set shall be compliance ISO to ISO 50001 Energy Efficient Management. DG Set manufacturer to provide copy of ISO in compliance to the same.

**2.2.0 SCOPE OF SERVICES**

Scope of services shall include but not limited to the following:

- CPCB Approval certificate (Copy of type approval certificate of offered DG Set model & copy of type approval certificate of offered engine model must be enclosed with the bid).
- PCC Foundation
- 4 Nos. GI Chemical pipe Earthing pits alongwith earthing strip of 5 mtrs per pit □ Aluminium Power Cable of suitable Size of length as per GEM standard.
- Commissioning of DG Set
- Buyback of old DG Set (to be considered while quoting the prices)

**Old DG set details for buyback:**

DG set of old 100kVA capacity 01 Number

<b>Make of DG set</b>	Kirloskar	<b>DG Set Model</b>	6H340110500044
<b>Make of Engine</b>	Kirloskar	<b>Engine Model</b>	6R1080
<b>Make of Alternator</b>	Kirloskar	<b>Alternator Model</b>	22531005D7325
<b>DG Set Out Put</b>	415 Volt AC, 3 phase	<b>Procurement Year</b>	2005-06

**3.0.0 REFERENCE STANDARDS**

3.1.0 The design, manufacture and testing of the equipment covered by this standard shall comply with the latest issue of the following codes and other relevant Indian Standard specifications, unless specified otherwise elsewhere in the Technical Specification. (i) IS 13018 : 1990 – Diesel Engine for General Purpose  
(ii) IS – 13364 / IS 4722 – Rotating Electrical Machines



3.1.1 Equipment designed and manufactured to other national standards shall be acceptable provided they are in no way inferior to the above mentioned standards.

3.1.2 The design and operation features of the equipment offered shall also comply with the provisions of latest issue of the Indian Electricity Rules, Environment (Protection) Act 1986 and other statutory requirements. The supplier shall, wherever necessary, make suitable modification in the equipment to comply with the above.

#### **4.0.0 TECHNICAL REQUIREMENT**

##### **4.1.0 DIESEL ENGINE**

Type	:	The Diesel Engine shall be suitable for generating set application developing specified BHP at 1500 RPM under NTP conditions of BS: 5514 or equivalent in IS, water cooled, turbocharged with after coolers, powered by four (4) strokes, multi cylinder with engine performance requirement as specified below. Diesel engines shall be as per MOEF (MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE) notification dtd. 3rd November 2022. Only Indian origin Engine is acceptable as per PPP (Public Procurements P-45021/2/2017-PP(BE-II)) policy
Nominal Output	:	To match with, alternator 250 kVA at 0.8 pf (lagging) i.e., 200 KW.
Revolution	:	1500 rpm
Starting System	:	24 V battery operated electric motor starting.
Fuel	:	High speed diesel oil
Governor	:	Electronic type
Aspiration System	:	Turbocharged, after cooler type
Cooling System	:	Water cooled with radiator and fan
Lubrication System	:	As per engine OEM Standard

**4.1.1** The governing system of the diesel engine shall satisfy the following requirements:

- Steady state speed regulation shall be adjustable between 0 to 5% manually
- Steady state speed regulation once fixed, shall not vary beyond +5%.
- Transient speed regulation shall not exceed 5% of rated speed.
- Recovery time shall be within 30 seconds.

**4.1.2** For fuel oil of the engine, one (1) day tank of minimum 600 ltrs alongwith fuel oil filter, level indicator and float switch shall be provided. The fuel system of the engine shall be complete with suction line, fuel filters, fuel pump, governor, manifold, injectors etc. as required.

- 4.1.3** The engine shall be supplied complete with coupling, guard, as well as outlet exhaust pipe with silencer.
- 4.1.4** Suitably rated lead acid sealed maintenance free batteries (for each set) capable for ten consecutive starts, along with charger (with float and boost charging provision) shall be included.  
Control/monitoring /annunciation requirement
- 4.1.5** Engine shall meet the following parameters :
- The Engine shall be enclosed in an enclosure to make it work silently (as per CPCB IV norms) without any degradation in its performance.
  - The fuel shall be used High Speed Diesel (HSD) as per IS: 1460.
  - Filter shall be dry type air filter with replaceable elements.
  - The Engine shall have closed loop lubricating system. No moving parts shall require lubrication by hand prior to the start of engine or while it is in operation.
  - The Engine shall be electric starting (by 24 V DC starter motor system for 250 kVA DG Set).
  - The engine shall be fitted with Electronic Governor.

**4.1.6** Instrument Control Panel shall be furnished for the engine, which shall comprise the following:

- Push Button
- Water temp. gauge
- Hour meter with rpm indicator
- Lube oil pressure gauge
- Other item as considered necessary by manufacturer

The Instrument Control Panel shall preferably be mounted on the Diesel Generator skid. Otherwise it may be of separately pedestal / floor mounted type.

**4.2.0 GENERATOR / ALTERNATOR:**

Alternator with rated output of 250 kVA at STP suitable for continuous operation at 1500 RPM developing 415 volts at 0.8 p. f. (lag) suitable for 50 Hz, three phase, 4 wire system. The alternator shall be brushless type, drip proof, screen protected as per IP-23, self excited & self regulated. The alternator will be suitable for tropical climate and shall conform to IS:4722. The salient features of the alternator are:

- +/- 1% voltage regulation in static conditions.
- IP 23 protection with class 'H' insulation Permissible overload of 10% for one hour in 12 hours of operation

S. NO.	PARTICULARS		Value
1	Type	:	Self excited
2	KVA	:	250 kVA
3	Voltage	:	415V, solidly grounded
4	Phase	:	3 phase
5	Frequency	:	50 Hz

6	Power Factor	:	0.8 (lagging)
7	Excitation System	:	Brushless exciter
8	Insulation Class	:	Class "H" insulation with temperature limitations for Class-H
9	Cooling	:	Self cooled
10	Connection	:	Star, with neutral terminal wired up to external bushing
11	Voltage Regulator	:	Solid State Electronic type

- 4.2.1** The generator set shall be able to withstand a three phase short circuit at its terminal for three (3) seconds without any injury to the machines. This shall be suitable for transient load changes and high motor starting current.
- 4.2.2** Copy of type test report of Alternator must be enclosed with the bid.
- 4.2.3** The alternator should be same brand as engine to avail single window service.

#### **4.3.0 AMF CONTROL PANEL**

Automatic Mains Failure (AMF) control panel, where applicable, shall be able to start the Power Generator and transfer the load on to the Power Generator on mains failure without requiring any human intervention. Similarly on restoration of mains supply, it shall be able to transfer the load to mains supply and switch off the Power Generator automatically

- 4.3.1** The Control Panels shall be free standing, floor mounted, metal clad cubicle type in construction, to form a compact assembly in dust / damp and vermin proof type, equivalent to IP-53. The thickness of sheet steel members shall not be less than 1.6 mm for cold rolled steel. Suitable reinforcement shall be provided, wherever necessary. Copy of IP certificate of Panel must be enclosed with the bid.
- 4.3.2** The AMF Control Panel for the DG Sets shall house the following devices for control, protection and metering of the set, but not limited to meet the start-stop and operational requirements: (i) Contactors, with push buttons, indication lamps etc. as required, for the set.
- 4.3.3** The manufacturer shall provide all the protective devices required for the safe operation of the Diesel Generator set. This shall include the following protections as a minimum, and of approved type /make:
- Over current relay
  - Over / under voltage relay
  - Over / under frequency relay
- Alternatively suitable controller shall be provided, incorporating all the above protection features.
- 4.3.4** Controller provided in DG Set / Control Panel shall have below features :
- Lube oil pressure low
  - Cooling water temperature high
  - Engine tripped due to over-speed

- Generator tripped due to electrical faults
- Low oil level in fuel oil service tank
- Engine failure to start
- Other items as felt necessary by the manufacturer

Metering and protection as per controller manufacturer standard is also acceptable but subjected that controller shall be of engine manufacturer only.

#### 4.3.5 Metering

- 3 phase current
- 3 phase voltage
- 3 phase Kilo-watt
- 3 phase KVA
- Kilo-watt hour
- Power factor
- System frequency

#### 4.3.6 Starting Battery

Starting battery shall be furnished along with the set, as per following particulars:

- Type : Lead acid
- Nominal voltage : 24 V D.C.
- Capacity : Minimum 2 Nos. 180 AH battery with each DG Set
- Mounting : Inside the Acoustic Enclosure.
- Battery : The Battery should be same brand as engine to avail single window service.

#### 4.3.7 Battery Charger

- Type : SMPS based
- Charging System : Automatic float and boost charging
- Input voltage : 230V 1 phase, 50 Hz. Or 415V, 3 phase, 50 Hz.
- Capacity : Adequate to restore the fully discharged battery state of full charge in 12 hours.

#### 4.4.0 BASE FRAME

- The DG set complete with its accessories shall be mounted on a common base frame.
- In case the manufacturer recommends vibration isolators for the installation of the equipment, the same shall be included in their scope, in required quantities
- AVM Pads as per engine manufacturer standard shall be provided with each DG Set.

#### 4.4.1 Sound Proof Enclosure: This is a special sheet metal fabricated on CNC machine and Powder coated.

The enclosure is designed for reducing the sound level as per approved CPCB norms.

The Acoustic enclosure consists of the following:-

- Acoustic Insulation:** Insulated and noise reduction type, properly clamped shall be provided on all doors, roof and sides to absorb noise.
- Door Locks and Door Hinges:** Special designed Stainless steel Door Locks and doors hinges ensuring for smooth operation and long life.
- Residential Silencer:** Absorption type non-resistance Residential Silencer insulated from inside with glass wool shall be provided to suppress exhaust noise from the engine.

### 5.0.0 PERFORMANCE REQUIREMENT

Sl. No.	Particulars		Performance Requirement
1	Nominal output of the set	:	250 kVA
2	Rated speed	:	1500 rpm
3	Rated voltage	:	415 volts
4	No of phases	:	3
5	Power factor	:	0.8 (Lagging)
6	Rated frequency	:	50 Hz
7	Overload capacity	:	10% for 1 hour
8	Over speed withstand capacity	:	110% of rated speed for 1 min
9	Voltage Regulation	:	Within +/- 1% of rated voltage from no load to Full load
10	Frequency Regulation	:	Within +/- 4% from no load to full load

**5.1.0** The DG set OEM shall have facility to test the DG set at 0.8 pf at full load. Bidder shall provide a certificate issued by an independent govt lab to confirm that the OEM has the required facility to test the DG set at 0.8pf at full load.

### 6.0.0 TESTS AT SITE

DG Set shall be tested during 10-15 minutes running at site. Diesel and load will be provided by the department.

### 7.0.0

**TO BE SUBMITTED WITH THE BID** o Manufacturer's catalogues,  
o Copy of ISO : 9001 : 2015 certificate issued in the name of DG Set OEM,  
o Copy of ISO : 14001 : 2015 certificate issued in the name of DG Set OEM,  
o Copy of ISO : 27001 : 2013 certificate issued in the name of DG Set OEM,  
o Copy of ISO : 19011: 2018 certificate issued in the name of DG Set OEM.

### 8.0.0 OTHER MANDATORY TECHNICAL REQUIREMENT IN BRIEF

TECHNICAL SPECIFICATION		
Generator Prime Rating at rated rpm ( as per ISO8528)	kVA	250
	kW	200
Frequency	Hz	50
Power factor	lagging	0.8
Voltage	V	415 (3Ø)
Governing Class (As per ISO 8528 Part-V)		G3
Noise Level @ 1 mtr	dBA	as per CPCB Norms
Fuel Consumption @ 100% load	Ltrs/hr	Not more than 60 Ltrs/hr
Fuel Tank Capacity	Ltrs	Minimum 600 ltrs
Weight of genset with canopy	Kg	Not more than 4100 Kg

Electrical Battery starting voltage	Volts-DC	24
ENGINE		
Rated output (Prime Continuous rating as per ISO 8528-1)	kW	Minimum 228 KW
	HP	Minimum 310 BHP
Engine must be as per CPCB-IV Norms		
Cooling System (mandatory)		Liquid Cooled with CRDI Fuel system
No. of Cylinder (Mandatory)	Number	6
Cubic Capacity <sup>2</sup> (Minimum)	Ltrs	Minimum 8.86 ltrs
Bore x Stroke	mm	118 X 135
Rated Speed	RPM	1500
Fuel System		HSD
Emission reduction**		Through SCR (Selective Catalytic Reduction) system including DEF (Diesel Exhaust Fluid) & DOC (Diesel Oxygen Catalyst) system
Aspiration	TA	Turbo Charged After Cooled
Lube Oil sump capacity (Minimum)	Ltrs	27 ltrs
Coolant Capacity (Minimum)	Ltrs	36 ltrs
DEF Capacity (Minimum)	Ltrs	45
ALTERNATOR		
Type		Brushless, Self excited
Insulation Class		Class H
Protection		IP – 23
Type of AVR		Solid state Electronic type
Alternator Efficiency (at 100 % load)0.8 pf	%	Not less than 94 %
Max Voltage Dip at Full Load 0.8 pf Lag	sec	≤ 20%
Max Time to build up rated voltage at rated RPM		< 5 sec provided engine reach the rated speed
PANEL		
Panel Type		AMF Panel with required switches / cutouts, Contactor and SMPS based battery charger
IP protection		IP - 53 / IP – 55 (certificate to be furnished alongwith Bid)
Acoustic Enclosure		Sheet metal fabricated on CNC turret punch press and Powder coated with 7 tank process. The enclosure should be designed for reducing the sound level as per approved CPCB norms

\*\*

SCR (Selective Catalytic Reduction) system is to be provided with diesel engine which is a technology that uses a urea-based diesel exhaust fluid (DEF) and a catalytic converter to significantly reduce oxides of nitrogen (NO<sub>x</sub>) emissions. It is an advanced active emissions control technology system that reduces tailpipe emissions of nitrogen oxides (NO<sub>x</sub>) down to near-zero levels in newer generation diesel engines. DEF (Diesel Exhaust Fluid) is a liquid used to reduce the amount of air pollution created by a diesel engine. Specifically, DEF is an aqueous urea solution made with 32.5% urea and 67.5% deionized water. DEF is consumed in a selective catalytic reduction (SCR) that lowers the concentration of nitrogen oxides (NO<sub>x</sub>) in the diesel exhaust emissions from a diesel engine. The main job of diesel exhaust fluid is to break down nitrogen oxide (NO<sub>x</sub>) gases into nitrogen and water. Apart from this DOC (Diesel Oxygen Catalyst) are catalytic converters designed specifically for diesel engines and equipment to reduce Carbon Monoxide (CO), Hydrocarbons (HC) and Particulate Matter (PM) emissions. A diesel oxidation catalyst (DOC) is an after treatment component that is designed to convert carbon monoxide (CO) and hydrocarbons into carbon dioxide (CO<sub>2</sub>) and water. It breaks down pollutants in the exhaust stream from a diesel engine, helping to reduce particulate matter (PM). Both carbon monoxide and hydrocarbons are converted in the DOC to carbon dioxide and water vapour.

#### **9.0.0 PACKING**

- 9.1.0 The materials shall be properly packed before dispatch to avoid damage during transport, storage and handling.
- 9.2.0 Proper arrangement shall be provided to handle the equipment.

#### **10.0.0 INSTALLATION, ERECTION, TESTING AND COMMISSIONING**

- 10.1.0 The Contractor shall provide PCC type foundation with the ratio of 4:2:1 shall be provided. The length and breadth of the foundation shall be 300 mm more from the respective length and breadth of the DG set. The height of the foundation shall be 400 mm i.e. 200 mm below and 200 mm above the ground level.
- 10.2.0 The generator set, control panel, as well as the neutral of the generator shall be effectively earthed. The Contractor shall provide 4 Nos. GI Chemical pipe Earthing Pits (Chemical) with chemical power, chamber cover etc alongwith total 20 mtrs of GI Strip (5 mtr with each Pit). Out of these 4 earthings, 2 are for DG Set and 2 are for neutral.
- 10.3.0 Power cabling upto 60 mtrs shall be done by the contractor. Necessary aluminium power cable, cable glands, cable end lugs, PVC numbering ferrules, tapes etc. shall be supplied and installed by the contractor. In case Power cable beyond 60 mtr is required, then the same will be provided by the department.
- 10.4.0 Residential Silencer and the exhaust pipe upto Silencer shall be provided with each DG Set
- 10.5.0 The Supplier shall follow occupational health and safety norms, Bidder shall provide copy of ISO 45001 in compliance to the same.

#### **11.0.0 EXCLUSIONS TO BIDDER SCOPE**

Following (a to f) are not in scope of Bidder:

- a) Any type of statutory approval
- b) Diesel & load required for commissioning at site
- c) Exhaust pipe beyond Silencer

- d) Cable beyond 60 mtr
- e) Head loading, Dismantling etc (at site)
- f) Any type of Civil or electrical work not given in specifications

**12.0.0 OTHER SPECIFIC TERMS**

11.1.0 Warranty: 24 months from date of commissioning.

11.2.0 Remote monitoring system to monitor engine is required & the same must be from engine manufacture only.

11.3.0 Shelf life of the DG Set should be 10 years.



## **Additional Term and Condition (ATC)**

**For**

**Notice Inviting Tender 05/2024 to purchase Genset 250kVA capacity through GeM portal**

<b>Sl. No.</b>	<b>ATC</b>
<b>1.</b>	Technical Compliance need to be uploaded on bidder letter head with signed, date & stamp.
<b>2.</b>	Blacklist letter need to be uploaded.
<b>3.</b>	Datasheet/literature need to be enclosed with bid.
<b>4.</b>	Breakup commercial need to be uploaded in financial for buyback.
<b>5.</b>	Proof of past experience for bidder/OEM need to be attached with technical bid for PSU/Central Govt./State Govt.
<b>6.</b>	EMD need to be submitted in hardcopy at GBPSSI, Prayagraj as per GeM clause.
<b>7.</b>	In case, compliance and ATC not found on letter head, shall be liable for rejection.
<b>8.</b>	Escalation matrix along with toll free number detail need to be uploaded with bid.



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5614869  
Dated/दिनांक : 18-11-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	07-12-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	07-12-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Education
Department Name/विभाग का नाम	Department Of Higher Education
Organisation Name/संगठन का नाम	University Of Allahabad
Office Name/कार्यालय का नाम	Govind Ballabh Pant Social Science Institute
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Procurement of 250kVA Diesel Generator (as per CPCB-IV)
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	250kVA diesel generator set as per CPCB-IV norms
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Jerrycans as per IS 8996, Diesel Engine as per IS 10001, Space Heater for Turbo Generator (BHEL), Higher Rating Diesel Generating Sets (1010 kVA and above), LED Luminaire (for Flood Light) as per IS 10322, IS 16107, Automotive Diesel Fuel or High Speed Diesel (HSD) as per IS 1460, Digital Repeater Set (RADIO REPEATER), Servo Control Drive - Servo Motor Operated LVC as per IS 9815 (Part 1), Digital Base / Mobile Transceiver Set (MOBILE RADIO), Digital Handheld Transceiver Set (HANDHELD RADIO)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"><li>Power Generator - DG Set (up to 900 KVA)</li></ul>
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	23 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	75 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)

<b>Bid Details/बिड विवरण</b>	
<b>MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है</b>	Yes
<b>Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है</b>	Yes
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Compliance of BoQ specification and supporting document *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
<b>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	No
<b>Past Performance/विगत प्रदर्शन</b>	80 %
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>RCM Applicable/लागू आरसीएम</b>	Yes
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	2 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।</b>	Yes
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	Bank Of Baroda
EMD Amount/ईएमडी राशि	90000

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	Bank Of Baroda
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ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	24

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

Administrative Officer

Govind Ballabh Pant Social Science Institute, Department of Higher Education, University of Allahabad, Ministry of Education

(Administrative Officer)

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	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. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

6. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[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.

7. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid 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 product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### **Section 9(3) Of GST/जीएसटी की धारा 9(3)|**

Where ever RCM is applicable, sellers (Regular GST registered seller who opted out of FCM , unregistered seller, seller registered under composition scheme)will be forced to put Zero GST and GST cess in their bids. Buyer will have liability of paying the GST and GST cess to the government on the specified rate mentioned by them in this Bid.

### **Procurement Of 250kVA Diesel Generator (as Per CPCB-IV) ( 1 set )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अहंता प्राप्त करने के लिए आवश्यक)**

### **Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification  
Document/क्रेता विशिष्टि दस्तावेज़

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**Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (आरसीएम) Details**

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट	RCM Applicable/लागू आरसीएम	GST as per RCM/रिवर्स प्रभार के अनुसार जीएसटी	GST Cess 1 as per RCM/रिवर्स प्रभार के अनुसार जीएसटी उपकार 1	GST Cess 2 as per RCM	Optional RCM/वैकल्पिक रिवर्स प्रभार
NA	NA	Yes	18%	NA	NA	No

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Archana Singh	211019,3 Yamuna Enclave Jhusi	1	45

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

**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 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 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Near  
Shashtri  
Bridge  
Jhusi  
Prayagraj

**3. Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained

mismatch of technical parameters, the bid is liable for rejection.

#### 4. **Generic**

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

#### 5. **Generic**

Scope of supply includes Training: Number of employees to be trained

2

, Place for Training

Consignee location

and Duration of training

2

days.

#### 6. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

#### 7. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

#### 8. **Turnover**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

#### 9. **Turnover**

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

#### 10. **OEM**

IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

#### 11. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of

documentary evidence of having Functional Service Centre.

**12. Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

**13. Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

**14. Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

**15. Past Project Experience**

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

**16. Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Technical Compliance need to be uploaded on bidder letter head with signed, date & stamp.
Blacklist letter need to be uploaded.
Datasheet/literature need to be enclosed with bid.
Breakup commercial need to be uploaded in financial form buyback.
Proof of past experience for bidder/OEM need to be attached with technical bid for PSU/Central Govt./State Govt .
EMD need to be submitted in hardcopy at GBPSSI, Prayagraj as per GeM clause.
In case, compliance and ATC not found on letter head, shall be liable for rejection.



Escalation matrix along with toll free number detail need to be uploaded with bid.

Bidder must upload financial breakup (for new and buy back of old 100kVA DG set)

**17. Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Administrative Officer, Govind Ballabh Pant Social Science Institute  
payable at  
Prayagraj

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

**18. Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Administrative Officer, Govind Ballabh Pant Social Science Institute Prayagraj  
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

## **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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

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. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
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 also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

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---**