

Pre-Qualification Requirements (PQR)

1. The firm of Bidder should have been in existence in past 3 years as on date of bid opening. Supporting documents "i.e. Last 3 years "Profit & Loss account/Balance Sheet/ GST returns/Any other acceptable document certified by CA" proving the firm is active in past 3 years to be provided.
2. Bidder/OEM should have supplied and commissioned/handed over any four items of our enquiry with offered make/model in last 05 years as on date of bid opening to any Institute/industry/power project. Unpriced PO copy, Proof of supply and Commissioning / Installation / Hand Over Certificate with end user details (e.g. Customer Name, Contact Number, Email ID etc.) should be attached for the same.

Annexure - A for MISC. LAB ITEMS PACKAGE FOR UDANGUDI [Material Code - D55995243144]

Sl no	Item Description	Qty	Specification
1	Dry & Wet Bulb Thermometer	1	Annexure - 1A
2	Barometer	1	Annexure - 2A
3	Dew Point Meter	1	Annexure - 3A
4	Water Bath	1	Annexure - 4A
5	BOD Incubator	1	Annexure - 5A
6	Microscope Trinocular with Standard Accessories	1	Annexure - 6A
7	Lab Refrigerator - 300 Litres	1	Annexure - 7A
8	Lab Refrigerator - 265 Litres	1	Annexure - 8A
9	Digital Density Meter	1	Annexure - 9A
10	Wet & Dry Hygrometers	1	Annexure - 10A
11	Jar Test Apparatus	1	Annexure - 11A
12	Magnetic Stirrer	3	Annexure - 12A
13	Hydrometer	1	Annexure - 13A

TECHNICAL SPECIFICATIONS**Annexure - 1A****1.0 Dry & Wet Bulb Thermometer**

Wet & dry thermometers mounted on a case boxed with spare wick and related humidity tables. Thermometer shall have readings in both deg C and deg F.

Temperature range : 0 to 122 deg F

Graduations : every 2 deg F.

Material : Boro Silicate Glass

Medium : Mercury

Length : 10" Min

Annexure - 2A**2.0 Barometer**

The Contractor shall furnish precision aneroid barometers of dial size 150 mm. The barometers shall have a range of 600 to 800 mm Hg with resolution = 1mm Hg and accuracy ± 1 mm Hg temperature range -5 to 55 degC

Range : 600 – 800mm Hg

Mounting : Wall mounting

Dial size : 150mm

Auxiliary indicator to record the previous value : Required

External adjustment Screw: Required

Annexure - 3A**3.0 Dew Point Meter**

The Dew point meter shall be used for measuring moisture in instrument air, service air, hydrogen etc. The Contractor shall furnish calibration accuracy guarded glass column to measure a range of moisture from (-) 60 to (+) 20 deg. Cel. The range of moisture to be measured by offered instrument would also be acceptable if it meets power plant application requirement as listed above. The meter shall be accurate and readable to within 0.1deg.C as minimum.

Resolution : 0.1deg. C

Accuracy : ± 2 deg C

Equipment shall be supplied with calibration certificate.

4.0 Water Bath

Purpose: Laboratory use

Temperature range : 5 deg. Centigrade above ambient to 90°C

Accuracy : $\pm 1^\circ\text{C}$

Construction Features:

Body :

Type : Double walled

Material : Inner wall - stainless steel

Dimension : 35 cm x 25 cm x 10 cm (Min.)

Facilities desired :

- a) Thermostatic temperature control
- b) Built in constant level arrangement
- c) With cover plate to accommodate 4 viscometers of canon fenske, thermostat with digital temperature setting and reading

Equipment shall be supplied with calibration certificate.

5.0 BOD Incubator

Capacity : 220 lit

Refrigerant : R134A/R 404/ Equivalent CFC free refrigerant or Equivalent

Heating power : 150W

Cooling power : 200W

Temperature range : 5°C to 50°C

Accuracy : $\pm 1^\circ\text{C}$

Temperature Display : 3 digits LED

Temperature rising : Digital keypad

Temperature control : Automatic microprocessor based

Temperature sensor : PT 100

Supply voltage : 240V, 50Hz

Ambient temperature : 0 - 50°C

Double-walled inside anodized Aluminium and outside Mild steel sheet painted in epoxy powder coating with 'L' shape thermometer and two air circulation fans.

Equipment shall be supplied with calibration certificate .

6.0 Microscope Trinocular with Standard Accessories

Range - 40 X - 400X

Detachable Trinocular tube 360° rotatable, 30° inclined Dioptre compensation, Interpupillary distance adjustment

Sample size - Up to 15mm diameter and up to 5mm thick

7.0 Lab Refrigerator

Type: Standard laboratory model

Quantity: 1No(One for storage of chemicals)

Capacity: 300 Ltrs. or above

8.0 Lab Refrigerator

Type: Standard laboratory model

Quantity: 1No(One for storage of samples)

Capacity: 265 Ltrs. Or above

9.0 Digital Density Meter

The density meter calibrated at 20°C within the range 600–1200 mg/cm³ shall be supplied.

10.0 Wet & Dry Hygrometers

Humidity

Range : 10 – 100%

Accuracy : 1.0%

Resolution : ± 5%

Temperature

Range : 0 – 55 °C

Resolution : 0.1°C

Accuracy : ±1°C

Sensor type : Capacitance

11.0 Jar Test Apparatus

Type: Flocculator with Multiple stirring machine equipped with a variable speed drive

Stirrer: Four stainless steel stirrer paddles with an arrangement to vary the speed of each stirrer independently over a range of 6-60 RPM. The length of the paddles shall be such that at the max. speed of 60 RPM the tip velocity shall not exceed 600 mm/sec.

Speed control: Step less speed control through Rheostat or energy regulator

Speed measuring device

Type : Tachometer

Range : Rpm 0-100

Accuracy : Rpm 1

Smallest division : Rpm 1

Power supply : 240V,50Hz 1 PH, AC

Flocculator : Shall be fitted with a fractional horse power motor and shall take jar or breaker of 1 litre capacity. It shall also have an illuminated arrangement for observing floc formation by providing a light source under the base & a suitable hole of approximately 25mm or more at the base for directing the light beam.

Equipment shall be supplied with calibration certificate.

12.0 Magnetic Stirrer

Purpose : Laboratory use

Capacity : 3 (Min.) litres

Description

Case : Die cast aluminium

Top plate : Glass coated stainless steel

Size of the plate : Square plate 180 x 180 mm (Min.) or Round plate 180 mm dia (Min.)

Speed control : Stepless speed controlled upto 1200 RPM

Stirrer type : Teflon coated stirring round bars

Size :

A) 7.9 mm (dia) x 13 mm (L)

B) 7.9 mm, (dia) x 25 mm (L)

C) 7.9 mm (dia) X 38 mm (L)

One each of the size indicated above.

13.0 Hydrometer

Purpose : To measure Specific gravity of liquids

Temperature : 0 to 80 degree C

Range of measurement : 0 to 2

If single hydrometer is not available for above range then multiple number hydrometers to cover entire range (0 to 2) shall be offered.

Materials of Construction

Bulbs and stems: Chemically resistant glass

Description

- i) Instrument shall have double scale.
- ii) The bulbs and stems shall be streamlined so that hydrometer reaches without trapping air bubbles setting point

Other Terms & Conditions

1. Parts having Shelf life, if any shall be carried by vendor representative at the time of I&C.

Document:

1. Hard copy of O&M Manual in English language giving complete technical information for operation and maintenance of the equipment. Valid Calibration Certificate, If applicable, would be provided along with supplied equipment.

Installation and Commissioning: The supplier shall install and commission the equipment at site. Supplier should demonstrate the performance of the Equipment and all its accessories to ensure compliance with complete specifications & parameters quoted by them to the satisfaction of BHEL/end user. Training to chemists at site during installation should be provided for routine maintenance, operation and safety purpose. Any part (consumable/accessories) other than mentioned above required for successful I&C and demonstration shall be in vendor scope and will be carried by vendor representative during I&C and same shall be handed over to end-user.

Warranty/Guarantee: The equipment shall be warranted/guaranteed for satisfactory performance for a period of 12 months from the date of installation or 18 months from date of dispatch, whichever is later.

Packing & Dispatch: The equipment / accessories shall be packed in a suitable water proof/vibration proof packing box capable of bearing air and road transit hazards. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number. Also, "PCRI HWR LABS" should be written in bold letters on all four sides of the packing box.

Buyer Specific ATC document for “Miscellaneous Lab Items” of Udangudi project site

1.	MDCC (Material dispatch clearance certificate) Clause: Please note that material shall be dispatched only after issue of Material dispatch clearance certificate (MDCC) by BHEL. For issue of MDCC, you are required to submit the set of documents (i.e. Packing list / Offer List, Warrantee/Guarantee certificate, Manufacturer Test Certificates and Calibration certificates (if applicable) at least 15 days prior to scheduled delivery. BHEL will release MDCC within 07 days from the date of receipt of complete documents as detailed above. The delivery period of 60 days is inclusive of 07 days taken by BHEL to issue MDCC. In case any material is dispatched without MDCC and any loss is incurred by Supplier/Vendor for any reason whatsoever, BHEL shall not be responsible in any manner to compensate the supplier in this regard.
2.	Pre-Qualification Requirement (PQR): The Pre-Qualification Requirements (PQR) have been made part of bid. All the bidders should ensure submission of complete details and documents as called for in the same. The offers submitted by the bidders would be scrutinized with respect to Pre-Qualification Requirements first. Techno-Commercial offer of only those bidders shall be evaluated who meet the Pre-Qualification Requirements.
3.	Technical Specification Requirement: (A) Please quote your valuable offer as per BHEL Specification enclosed with the bid documents. (B) Bidders to upload point-wise compliance of BHEL Specification along with the offer as a token of acceptance.
4.	Validity: Offer will be valid for 90 days from bid end date and extensions thereof. BHEL will reserve the right to reject any or all quotations, quoting validity less than 90 days.
5.	Delivery Period: The delivery shall be 60 days from the date of PO placement. This period is inclusive of 7 days for BHEL to arrange dispatch clearance (provided MDCC related documents are complete in all respect).
6.	Price Basis: Please confirm that prices have been quoted on F.O.R. Udangudi site basis including all taxes. Prices will remain firm and fixed during the entire validity and execution of the project.
7.	Evaluation criteria: Evaluation will be done on the basis of Total Landed cost up to Udangudi project site (Total Value-wise evaluation). Bidders to quote for all thirteen (13) items covered in this bid. Offer of bidders not quoting for all thirteen (13) offers will be rejected straightaway.

8.	Payment Terms: 90% payment after receipt of material at site against submission of PBG @5% of Order value valid till entire Guarantee / Warranty period. The PBG will be in BHEL format and from one of the BHEL consortium banks. For name of BHEL consortium bank, please visit our website hwr.bhel.com. - Balance 10% payment after installation and commissioning of all items at site. - Payment will be released by BHEL within following days from the date of receipt of material at site: - 45 days for Micro and Small enterprises. - 60 days for Medium enterprises - 90 days for Non MSME enterprises - No interest shall be payable on the security deposit or any other money due to the supplier.
9.	Installation, Commissioning and Training at site: The supplier shall install and commission the equipment at site. Supplier should demonstrate the performance of the Equipment and all its accessories to ensure compliance with complete specifications & parameters quoted by them to the satisfaction of BHEL/end user. Training to chemists at site during installation should be provided for routine maintenance, operation and safety purpose. Any part (consumable/accessories) other than mentioned above required for successful I&C and demonstration shall be in vendor scope and will be carried by vendor representative during I&C and same shall be handed over to end-user. Parts having shelf life, if any shall be carried by vendor representative at the time of I&C. <i>Cost for Installation, Commissioning and Training should be inclusive in the quoted prices.</i> Installation, Commissioning and Training will be done at following address: SE/ (PROJECTS) 2X660 MW UDANGUDI STPP STG-I, TANGEDCO, UDANGUDI, THOOTHUKUDI-628215 <i>Failing to comply to the above clause, the offer will be rejected straightaway.</i>
10.	Guarantee / Warranty: The equipment shall be guaranteed / warranted for satisfactory performance for a period of 12 months from the date of installation or 18 months from date of dispatch, whichever is later. <i>Failing to comply to the Guarantee / Warranty clause, the offer will be rejected straightaway.</i>
11.	Document: One hard copy of O&M manual in English language giving complete technical information for operation and maintenance of the equipment shall be supplied with the equipment. Valid Calibration Certificate, If applicable, would be provided along with supplied equipment.

12.	Packing & Dispatch: The equipment / accessories shall be packed in a suitable water proof/vibration proof packing box capable of bearing air and road transit hazards. Packing box shall be properly identified and marked with BHEL's (India) Purchase Order Number. Also, “PCRI HWR” should be written in bold letters on all four sides of the packing box.												
13.	E-invoicing: E-invoicing under GST has been implemented w.e.f. 01.08.2023 for all the taxable persons having turnover more than Rs. 5.00 cr. it has been specified by the govt that it is mandatory to mention a valid unique invoice reference no. (IRN) and QR code as generated from govt. portal on a tax invoice. Based on such information, GST ITC as claimed by BHEL in GST returns shall be matched with the corresponding details uploaded by supplier in E-invoicing system. In case the vendor / contractor delays or fails to provide all the documents as per the purchase order / work order at the time of submitting tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor/contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment. This further requires inclusion of IRN and QR code on tax invoice as announced by govt. of india w.e.f. 01.08.2023.												
14.	MICRO AND SMALL ENTERPRISES (MSE): Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer. <table><tr><td>Type under MSE</td><td>SC/ST Owned</td><td>Women Owned</td><td>Others (excluding SC/ST & Women Owned)</td></tr><tr><td>Micro</td><td></td><td></td><td></td></tr><tr><td>Small</td><td></td><td></td><td></td></tr></table> Note: If the bidder does not furnish the above, offer shall be processed construing that the bidder is not falling under MSE category. a) MSE suppliers can avail the intended benefits in respect of the procurements related to the Goods and Services only (Definition of Goods and Services as enumerated by Govt. of India vide Office Memorandum F. No. 21(8)/2011-MA dtd. 09/11/2016 office of AS & DC, MSME) only if they submit along with the offer, attested copies of either Udyam Registration. Date to be reckoned for determining the deemed validity will be the last date of Technical Bid submission. Non-submission of supporting document in GeM portal will lead to consideration of their bids at par with other bidders. No benefits shall be applicable for this enquiry if the above required documents are not uploaded at the time of bid submission. Documents submitted by the bidder shall be verified by BHEL for rendering the applicable benefits.	Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)	Micro				Small			
Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)										
Micro													
Small													
15.	Make in India: Make in India is applicable for this bid. Bidder to submit signed and stamped copy of duly filled Make in India format clearly indicating the percentage (%) of local content and complete address where local value addition will be done.												
16.	General Clause: All other commercial terms and conditions will be governed by General Terms and Conditions (GTC) GTC Amendment_GeM 4.0 (Version 1.19) dt 26 Sept 2024_26Sep24.												

17. **Settlement of Dispute:**

If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not.

If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 17.1.

17.1 CONCILIATION:

Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.com).

Note: Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding "Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/Entities/agencies are to encourage mediation under the Mediation Act. 2023. The said Act has not yet been notified by the Government. Therefore, the clause "Settlement of Disputes" shall be modified accordingly as and when the Mediation Act 2023 gets notified.

17.2 Arbitration Clause:

17.2.1 Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 17.1 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or. in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to Arbitral Institution (to be identified by the contract issuing agency (eg. "IIAC" (India International Arbitration Centre) for Delhi/NCR offices) and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.

17.2.2 A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice

shall be addressed to the Head of the Region, Power Sector/ Unit, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.

17.2.3 After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institutions in Haridwar and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to a specific Arbitral institution for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.

17.2.4 The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.

17.2.5 The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Haridwar.

17.2.6 Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Haridwar.

17.2.7 Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.

17.2.8 It is agreed that Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.

17.2.9 In case the disputed amount Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.

17.2.10 In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of clause 14.2.9. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.

17.3 In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:

	In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution of CPSEs Disputes) as mentioned in DPE OM No. 05/0003/2019-FTS-10937 dated 14-12-2022 as amended from time to time.
18.	JURISDICTION: Subject to clause 17 of this contract, the Civil Court having original Civil Jurisdiction in Haridwar shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract. GOVERNING LAWS: The contract shall be governed by the Law for the time being in force in the Republic of India.
19.	Breach of contract, Remedies and Termination: 19.1 BREACH OF CONTRCAT: The following shall amount to breach of contract: i. Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time. ii. The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period. iii. The Supplier/Vendor delivers equipment/ material not of the contracted quality. iv. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause. v. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract. vi. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL. vii. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor. viii. Any other reason(s) attributable to Vendor towards failure of performance of contract. In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor. ix. Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise. x. Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner. Note- Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days.

In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.

19.2 REMEDIES IN CASE OF BREACH OF CONTRACT.

i. Wherein the period as stipulated in the notice issued under clause 19.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.

ii. Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.

iii. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:

iv. In case the amount recovered under sub clause (a) above is not sufficient to fulfil the amount recoverable then; a demand notices to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.

v. If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:

a. from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract.

b. If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.

vi. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.

vii. It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.

viii. In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

Note:

1) The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries

	floated by BHEL to complete the balance work. The defaulting contractor shall mean and include: (a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor. (b) In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partners ; or sole proprietorship firm owned by any partner(s) as a sole proprietor. LD against delay in executed supply in case of Termination of Contract: LD against delay in executed supply shall be calculated in line with LD clause No. 20.0 below, for the delay attributable to Supplier/Vendor. For limiting the maximum value of LD, contract value shall be taken as Executed Value of supply till termination of contract. Method for calculation of “LD against delay in executed supply in case of termination of contract” is given below. i. Let the time period from scheduled date of start of supply till termination of contract excluding the period of Hold (if any) not attributable to contractor = T1 ii. Let the value of executed supply till the time of termination of contract= X iii. Let the Total Executable Value of supply for which inputs/fronTS were made available to Supplier/Vendor and were planned for execution till termination of contract = Y iv. Delay in executed supply attributable to Supplier/Vendor i.e. $T2 = [1 - (X/Y)] \times T1$ v. LD shall be calculated in line with LD clause (clause 18.0) of the Contract for the delay attributable to Supplier/Vendor taking “X” as Contract Value and “T2” as period of delay attributable to Supplier/Vendor.
20.	LIQUIDATED DAMAGE: Liquidated Damages, wherever referred under this Tender/Agreement, shall mean and refer to the damages, not in the nature of penalty, which the contractor agrees to pay in the event of delay in delivery of supplies, breach of contract etc. as the case may be. Liquidated Damages leviable upon the Supplier/Vendor is a sum which is agreed by the parties as a reasonable and genuine pre-estimate of damages which will be suffered by BHEL on account of delay/breach on the part of the Supplier/Vendor. If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract/PO, the Buyer/BHEL will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.
21.	Order of Precedence: In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below: a. Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL. b. Buyer Added Bid Specific ATC c. GeM Bid Technical Conditions of Contract (TCC) d. GeM GTC

22.

FORCE MAJEURE:

21.1 "Force Majeure" shall mean circumstance which is:

- a) beyond control of either of the parties to contract,
- b) either of the parties could not reasonably have provided against the event before entering into the contract,
- c) having arisen, either of the parties could not reasonably have avoided or overcome, and
- d) is not substantially attributable to either of the parties

And

Prevents the performance of the contract,

Such circumstances include but shall not be limited to:

- i) War, hostilities , invasion, act of foreign enemies.
- ii) Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war.
- iii) Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors.
- iv) Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors.
- v) Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio- activity.
- vi) Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc.
- vii) Epidemic, pandemic etc.

21.2 The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship.

21.3 If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event.

21.4 The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.

21.5 Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not

- i) Constitute a default or breach of the Contract.
- ii) Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.

21.6 BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure.

23.	Conflict of Interest among Bidders/ Agents: "A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder, found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if: a) they have controlling partner (s) in common; or b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or c) they have the same legal representative/agent for purposes of this bid; or d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/Assemblies from. one bidding manufacturer in more than one bid; or f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following: 1. The principal manufacturer directly or through one Indian agent on his behalf; and 2. Indian/foreign agent on behalf of only one principal, or g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "
24.	Suspension of Business Dealings with Suppliers / Contractors: The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms / principal / agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com. If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution stage indulges in any act, including but not limited to, mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or tampers the tendering process or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860(Bhartiya Nyaya Samhita 2023) or any other law in force in India, or does anything which is actionable under the Guidelines for Suspension of Business dealings, action may be taken against such bidder / supplier / contractor as per extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions. Guidelines for suspension of business dealings is available in the webpage: http://www.bhel.com/vender_registration/vender.php.
25.	Fraud Prevention Policy: Bidder along with its associate /collaborators /sub-contractors /sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website http://www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

26.

PREFERENCE TO MAKE IN INDIA:

For this procurement, the local content to categorize a Supplier/Vendor as a Class I local supplier/ Class II local Supplier/Non-Local Supplier and purchase preferences to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the GeM Bid, the same shall be applicable even if issued after issue of this GeM Bid, but before opening of Part-II bids against this GeM Bid.

23.1 Compliance to Restrictions under Rule 144 (xi) of GFR 2017:

I. 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. The Competent Authority for the purpose of this Clause shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

III. "Bidder from a country which shares a land border with India" for the purpose of this Clause means: -

- a. An entity incorporated established or registered in such a country; or
- b. A subsidiary of an entity incorporated established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

IV. The beneficial owner for the purpose of (III) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
- b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person has ownership of or entitlement to more than fifteen percent of the property or capital or profits of the such association or body of individuals.

	4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official; 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership. (V) An Agent is a person employed to do any act for another, or to represent another in dealings with third person. Note: (i) The bidder shall provide undertaking for their compliance to this Clause, in the format provided by BHEL. (ii) Registration of the bidder with Competent Authority should be valid at the time of submission of bids and at the time of acceptance of the bids.
27.	NOTE: 1. In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / modify the tender at any stage of execution. 2. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation. Any deviation from the conditions specified in BUYER SPECIFIC ATC DOCUMENT, will lead to rejection of offer. 3. Any change in applicable rates of Tax or any other statutory levies (Direct / Indirect) or any new introduction of any levy by means of statute and its corresponding liability for the deliveries beyond the agreed delivery date for reasons not attributable to BHEL will be to vendors account. BHEL will not reimburse the same and any subsequent claim in this respect will be summarily rejected. 4. BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor in the execution of any contract to any BHEL project / Unit. 5. The offers of the bidders who are under suspension and also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com. 6. Recovery / deduction as applicable as per Direct and Indirect taxes as notified by Govt. Of India from time to time will be made and information/certificate for such deduction/recoveries shall be provided by BHEL to the vendor.
28.	TRANSIT INSURANCE: Transit Insurance of material is in Supplier/Vendor's scope. Supplier/Vendor shall insure the material at their cost for transportation.
29.	Cartel Formation: The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

30.	DOCUMENTS REQUIRED ALONG WITH DISPATCH OF MATERIAL/BILLING DOCUMENTS: The following documents are required to be sent with material dispatch/Billing Documents: - Original Tax Invoice - Original GR / LR - Original PBG as per BHEL format - Copy of proof of filing GST return - Copy of Warranty Certificate - Copy of Packing List - Copy of Test reports		
31.	Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. In the event of any Technical or Commercial queries, the same may please be addressed to the following BHEL concerned before Part-I opening- <table><tr><td>Mr. Shashi Pal Designation: A. E. (PPX-BOI) Main Administrative Building, 4th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: palsh@bhel.in</td><td>Mr. Deshraj Yadav Designation: Dy. Manager (PPX-BOI) Main Administrative Building, 4th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: deshraj@bhel.in Tel: +91 1334 28 1187</td></tr></table>	Mr. Shashi Pal Designation: A. E. (PPX-BOI) Main Administrative Building, 4 th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: palsh@bhel.in	Mr. Deshraj Yadav Designation: Dy. Manager (PPX-BOI) Main Administrative Building, 4 th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: deshraj@bhel.in Tel: +91 1334 28 1187
Mr. Shashi Pal Designation: A. E. (PPX-BOI) Main Administrative Building, 4 th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: palsh@bhel.in	Mr. Deshraj Yadav Designation: Dy. Manager (PPX-BOI) Main Administrative Building, 4 th Floor HEEP, BHEL, Haridwar- 249403 Uttarakhand, India Email ID: deshraj@bhel.in Tel: +91 1334 28 1187		
32.	Item Description in Packing List: Bidders to note that “Item Name” and “Unit of measurement” in the packing list should be in line with BHEL description. BHEL description will be provided to successful bidder before dispatch of material.		

Certificate

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 & P-45021/2/2017-PP (BE-II) dated 28.05.2018, we hereby certify that we M/s _____(supplier name) are local supplier meeting the requirement of minimum local content (50%) as defined in above orders for the material against Enquiry No. _____

Details of location at which local value addition will be made is as follows:

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Supplier