

**Bid Corrigendum**

GEM/2022/B/1906982-C3

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

**Buyer Added Bid Specific Additional Terms and Conditions**

1. Buyer Added text based ATC clauses

**Corrigendum No:01 dated 21.02.2022**

Sub: Supply, Installation, commissioning and Prove-out of High temperature Vacuum Brazing Furnace with Hot Press for stainless steel heat exchanger.

**Revision in Qualification criteria & Technical Specification:****Qualification criteria: -**

<b>Sl. No.</b>	<b>For ( Existing )</b>	<b>Read as ( Revised)</b>
<b>1)</b>	The bidder must be a reputed OEM of Vacuum Furnaces with at least 7 Years of experience in this field by the date of closing of this tender.	The bidder must submit at least 1 PO of minimum 7 years old as proof of experience.
<b>2)</b>	Bidders must have supplied at least 3 Nos. of Vacuum Furnaces of similar or higher features (Including Hot chamber size, Hydraulic Press & fast cooling features) in last 7 years.	Bidder must have supplied at least 3 Nos. of Vacuum Furnaces of similar or higher features (Including Hot chamber size, Temperature, fast cooling features and excluding Hydraulic press) in last 7 years.
<b>3)</b>	Bidder must have supplied at least one Vacuum Furnace to any PSU within last 7 years.	Not Applicable
		Bidder must submit at least 1 PO received during last 4 years along

<b>4)</b>	Bidder must submit at least 1 PO and Satisfactory Performance Certificates issued by customer in last 2 years.	with commissioning certificate and also submit satisfactory performance certificate from the customer after minimum 1 year of commissioning.
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**Note: All other Qualification Criteria remain unchanged.**

**Technical Specification: -**

Sl. No.	For ( Existing )	Read as ( Revised )
<b>2) b) Hot zone specification:</b>		
<b>1)</b>	Hot zone type - All metal hot zone, circular in shape. Horizontal mounting and front loading	Hot zone type - All metal hot zone / Vendor option. Circular in shape/Vendor option. Horizontal mounting and front loading.
<b>2)</b>	Hot zone size - 1000mm Dia x 1000 mm long.	Hot zone size - 1000mm Dia x 1000 mm long / Vendor option.
<b>4)</b>	Approximate Job size - 600 mm Height x 500 mm wide x 500 mm long.	Approximate Job size - 800 mm Height x 600 mm wide x 600 mm long.
<b>8)</b>	Normal working temperature - 1300°C Max.	Not Applicable
<b>9)</b>	Insulation - Molybdenum / Stainless Steel Radiation Shields polished to high degree of reflectivity and put one on another. It should be easily removable for easy cleaning.	Insulation - Molybdenum / Stainless Steel Radiation Shields polished to high degree of reflectivity and put one on another / Vendor option. It should be easily removable for easy cleaning.
<b>2) e) Fast Gas cooling system for hot chamber:</b>		
<b>1)</b>	The cooling system should be provided to cool the charge from 1600 to 200°C.	The cooling system should be provided to cool the charge from 250 to 50°C in 45-60minutes.
<b>2) f) Hydraulic Press (programmable):</b>		
<b>1)</b>	A Programmable hydraulic press with compacting load of 200 tons having a stroke length of approx. 1000 mm to be provided with the furnace with	A Programmable hydraulic press with compacting load of 200 tons having a stroke length of 500mm for Top Ram and 500mm for bottom ram with necessary cooling channels. Bottom Ram is for only positioning of job prior to

	necessary cooling channels	brazing operation. Load should be applied only from top ram.
3)	The Press should have Top & Bottom cylinders with piston rod for up and down stroke and each Ram stroke length should be 500 mm. Approach speed of top & bottom ram should be adjustable to modify the ram speed based on requirement. Constant load should be applied during the entire duration of brazing operation. The Top & bottom ram movement should be such that the job should be always at the centre of the hot chamber.	The Press should have Top & Bottom cylinders with piston rod for up and down stroke and each Ram stroke length should be 500 mm. Bottom Ram is for only positioning of job prior to brazing operation. Load should be applied only from top ram. Constant load should be applied during the entire duration of brazing operation.

**Note: All other technical specifications remain unchanged.**

**INSTRUCTIONS TO BIDDERS: -**

- 1) Bidder shall submit Categorical Confirmation of PQC, Technical Specifications, Special Terms and Conditions and commercial terms & conditions. Vendor shall comply to all the additional clauses mentioned in GeM Bid Document. The offers of those bidders who do not comply with all the Clauses in total are likely to be rejected. Documents submitted with the offer shall be signed and stamped on each page by authorised representative of the bidder.
- 2) Pre- qualification criteria: The supplier need to meet all the requirements mentioned in Pre-Qualification Criteria and submit all the supporting documents along with technical bid. Offers without supporting documents in line with requirement shall not be considered for scrutiny. Further evaluation shall be done based on Pre-Qualification Criteria.
- 3) Bidder shall follow GeM general term and conditions and submit the offer. (<https://gem.gov.in/page/detail/34>).
- 4) Bidder should submit the Integrity Pact document duly signed and stamped on each page by authorised representative of the bidder.
- 5) All the terms and conditions mentioned in PQC, Technical Specifications, Special Terms and Conditions and commercial terms & conditions shall supersede any other similar terms quoted elsewhere.
- 6) QUOTED PRICE: - Bidder shall quote the Price inclusive of Freight, P&F, Transit Insurance, Installation, Commissioning, GST, GeM transaction charges and

other any charges as per GeM rules.

- 7) Contact Details: - For any Technical queries: Mr. CH Rambabu (0891-668 1197) / Mr. MD. Irshad Ansari, For any commercial/GeM queries: Mr. M V Ramana Murty (0891-668 1311).

#### **COMMERCIAL TERMS & CONDITIONS**

##### **A. PAYMENT TERMS: -**

- a) **For Supply of materials:** 80% of total order value shall be made within 45 days from the date of receipt and acceptance of all the materials at BHEL, HPVP, Stores.
- b) **For Installation, Commissioning and Prove out of the Furnace :** 20% of total order value shall be made within 45 days from the date of completion of Installation, commissioning and Prove out of the Furnace against submission of invoice with certification from BHEL HPVP regarding completion of work.

All Bank Charges if any to Vendor account only.

However, GST portion of invoice shall be released only upon

- a) Vendor declaring the invoice in his GSTR-1.
- b) Receipt of Goods and Tax Invoice by BHEL.
- c) Confirmation of payment of GST thereon by vendor on GSTN Portal.

**Note: Offers with Payment against Proforma Invoice / Advance payment / LC are liable to be rejected.**

##### **B. DELIVERY PERIOD:** Delivery period for execution of the order shall be 8 months (240 days) from the date of PO. Detailed break up of delivery for each activity is as follows: -

- a) **For supply of all the materials :** - The Acceptable Delivery period shall be within 7 months (210 days) from the date of PO to date of receipt of material at HPVP stores.
- b) **For Installation, Commissioning and Prove out of the Furnace :** The acceptable Execution period shall be within 1 month (30 days) from the date of site readiness communication to the date of completion certificate/MOM from BHEL HPVP.

##### **C. GUARANTEE CERTIFICATE:** Vendor should guarantee the material against all design and manufacturing defects and for performance for a period of 18 months from the date of last dispatch or 12 months from the date of Commissioning and Prove out of furnace whichever is earlier. If any defect is noticed during the above period, the same shall be rectified / replaced free of cost on FOR BHEL within a reasonable time.

##### **D. All Other clauses shall be as per GeM General terms and conditions.**

2. Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)

## **Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. 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 specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void.

\*This document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

[This Bid is also governed by the General Terms and Conditions](#)