

Bid Document

Bid Details	
Bid End Date/Time	05-11-2022 15:00:00
Bid Opening Date/Time	05-11-2022 15:30:00
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Bharat Heavy Electricals Limited (bhel)
Office Name	10380038-heavy Plates & Vessels Plant
Total Quantity	5
Item Category	L793313310201001 , L793313310201002 , L793313310201003 , L793313310201004 , L793313310201005
BOQ Title	Design Supply and Application of Refractory and Insulation of GAIL Usar Project
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (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
Bid to RA enabled	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Primary product category	L793313310201001
Time allowed for Technical Clarifications during technical evaluation	2 Days
Payment Timelines	Payments shall be made to the Seller within 90 days of issue consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	20

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DEPUTY MANAGER MM PURCHASE

10380038-Heavy Plates & Vessels Plant, Department of Heavy Industry, Bharat Heavy Electricals Limited (BHEL),
Ministry of Heavy Industries and Public Enterprises

(N V Rajesh Kumar M)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. 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 -Ind 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has

relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which will be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

4. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for Make in India preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

L793313310201001

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayanti Rama Subrahmanyam	530012, Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	1	14

L793313310201002

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayanti Rama Subrahmanyam	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	1	77

L793313310201003

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
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S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayanti Rama Subrahmanyam	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	1	77

L793313310201004

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayanti Rama Subrahmanyam	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	1	126

L793313310201005

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Jayanti Rama Subrahmanyam	530012,Bharat Heavy Electricals Limited Heavy Plates and Vessels Plant (A Government of India Enterprise) Visakhapatnam - 530012 (AP), India.	1	126

Buyer Added Bid Specific Terms and Conditions

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

RFQ/ Enquiry No.: H132200060 dtd 21.10.2022

Material: Design, Supply & Application of Refractory & Hot Insulation for Reactor Charge Heater (101-FF-1001) of GAIL Usar Project (SO 7933)

Pre-Qualification Criteria

1. Bidder has to provide required PTR / credentials along with the offer submission for review and approval of BHEL and / or Customer. Price bids of vendors who are approved by customer only will be open. Successful bidder has to procure the materials / components from the given approved "VENDOR LIST" document.

INSTRUCTIONS TO BIDDERS (ITB)

1. Bidder shall submit Categorical Confirmation of PQC, ITB, Special Terms and Conditions, TDC/Technical documents. Bidder 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. Bidder has to submit the signed & stamped copy of GeM Bid document as a token of acceptance to tender terms

2. Bidder shall follow GeM general terms and conditions and submit the offer on <https://gem.gov.in/page/detail/34>.

3. All the terms and conditions mentioned in ITB, Special terms and conditions, Technical document TDC shall supersede any other similar terms quoted elsewhere.

4. **QUOTED PRICE: - Bidder shall quote the Price inclusive of Freight, P&F, Transit Insurance and other charges (GeM transaction charges) including GST.**

5. Items / Works to be supplied against this tender enquiry are as per given BOQ.

Item Number	Item Title	Item Description	Item Quantity	Unit of Measure	Delivery Period (In number of days)
1	L793313310201001	DESIGN, ENGG, APPROVAL & DOCUMENTATION DESIGN, ENGINEERING, DRAWING APPROVAL AND DOCUMENTATION (I.E., SUBMISSION OF BBU WITH PRICE % BREAK UP) ETC AS PER TDC NO: HTCS-7933 01-REF-100 REV01	1	LOT	14
2	L793313310201002	SUPPLY OF REFRACTORY & INS TO BHEL HPVP SUPPLY OF ALL ITEMS RELATED TO REFRACTORY & INSULATION AS PER APPROVED DRGS/DOCUMENTS TO BHEL HPVP VISAKHAPATNAM	1	LOT	77
3	L793313310201003	SUPPLY OF REFRACTORY & INS TO GAIL USAR SUPPLY OF ALL ITEMS RELATED TO REFRACTORY & INSULATION AS PER APPROVED DRGS/DOCUMENTS TO GAIL USAR SITE	1	LOT	77

4	L793313310201 004	SUCCESSFUL INSTALLTION AT BHEL HPVP SUCCESSFUL INSTALLTION AT BHEL HPVP VISAKHAPATNAM AS PER TDC HTCS-7933 01-REF- 100 REV01	1	LOT	126
5	L793313310201 005	SUCCESSFUL INSTALLTION AT GAIL USAR SITE SUCCESSFUL INSTALLTION AT GAIL USAR SITE AS PER TDC HTCS-7933 01-REF- 100 REV01	1	LOT	126

6. **Scope of supply and work has to be strictly as per provided TDC / Technical specification Complete TDC / Technical Specification to be obtained from below given link.**

<https://hpvp.bhel.com/docs/Final%20TDC%20or%20Technical%20Specification%20-%20Refractory%20and%20Insulation%20--%20GAIL%20Usar.zip>

7. Mandatory Documents to be uploaded by Bidder:

- a. Signed & stamped copy of BOQ, PQC, ITB, Special Terms & Conditions, TDC / Technical documents and vendors offer.

8. Contact Details: - For any Technical queries: Mr. S Kumar Manikyam (0891-288 1192) and for all commercial queries: Mr. N V Rajesh Kumar M (0891-288 1316).

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SPECIAL TERMS AND CONDITIONS

A. **INSPECTION: By BHEL / BHEL Authorized TPIA and/or Customer TPIA as per TDC / Technical specification and approved ITP/QAP.** TPIA Charges will be borne by BHEL, provided Inspection is carried out in India.

Vendor needs to register at BHEL online portal i.e. www.cqir.bhel.in for offering Inspection call as a when material is ready according to contract. On readiness of ordered material, the vendor shall raise inspection call request with a minimum period of 7 working days to the authorized representative of the purchaser for inspection / witnessing the testing as envisaged in P.O. Inspection Charges shall be borne by BHEL if inspection is within India.

BHEL representative either from HPVP Unit or Corporate Quality is authorized to carry out audits of vendor's works before providing the dispatch clearance.

After completion of the Inspection at works respectively, vendors need to send the scanned copies TC's, Inspection reports and other applicable Test Reports in accordance with TDC to BHEL with due endorsement by Inspecting authority for obtaining the material dispatch clearance.

BHEL or its authorized representative shall be entitled to carry out inspection of material and workmanship at vendor's premises or at his sub-contractor's premises at all reasonable times during execution of the contract and before dispatch clearance; Such inspection, examination and testing, if made, shall not absolve the vendor from his obligations under the contract.

B. DELIVERY LOCATION: FOR BHEL HPVP VISAKHAPATNAM & GAIL USAR PROJECT SITE.

C. DELIVERY PERIOD:

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Delivery Schedule / Period for all the PR / BOQ line items:

For line item No. 1: Design, Engineering, Drawing preparation & Documentation

(i.e., submission of BBU with Price % break up): 2 Weeks from the date of PO / date of all technical inputs to the vendor whichever is later. BHEL shall respond with comments / approvals within 7 days from the submission date. Any further delay from BHEL is not attributable to the vendor.

Payment against this line item shall be made after certification from BHEL Engg. and again submission of equivalent value BG with claim period of 12 months (Refer Format - BG advance).

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For line item No. 2: Supply of Refractory & Insulation to BHEL HPVP): 6 Weeks from the date of supply intimation from BHEL.

For line item No. 3: Supply of Refractory & Insulation to GAIL Usar Site): 6 Weeks from the date of supply intimation from BHEL.

For line item No. 4: Successful Installation at BHEL HPVP): 6 Weeks from the date of final clearance by BHEL at BHEL HPVP site.

For line item No. 5: Successful Installation at GAIL Usar Site): 6 Weeks from the date of final clearance by BHEL at GAIL Usar site.

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D.

PAYMENT TERMS:

S.No	Type of Bidder	Payment Terms (Number of Days)

1	Micro & Small Enterprises (MSEs)	45 Days from date of material acceptance (CRAC)
2	Medium Enterprises	60 Days from date of material acceptance (CRAC)
3	Non MSME	90 Days from date of material acceptance (CRAC)

E. DOCUMENTATION: In the event of order, Vendor should submit Data sheet/Drawings & QAP to BHEL detailed in the TDC / Technical Specification for approval.

F. GUARANTEE: Vendor should guarantee the material against mechanical guarantee for a period of 18 months from the date of successful completion of work including performance guarantee or 12 months from the date commissioning whichever is earlier. If any defect is noticed during the above period, the same shall be rectified/replaced free of cost on FOR destination within a reasonable time.

G. CEILING LIMITS FOR PRICES TO BE QUOTED AGAINST EACH BOQ LINE ITEM:

Sl. No.	Activity Description	Percentage of Total Contract Value
1	Design, Engineering, Drawing Approval and Documentation (i.e., submission of BBU with price % break up) etc.	5%
2	Supply of all items related to refractory & insulation as per approved drawings/ documents to BHEL HPVP Visakhapatnam	30%
3	Supply of all items related to refractory & insulation as per approved drawings/ documents to GAIL USAR Site	20%
4	Successful Installation at BHEL HPVP Visakhapatnam as per TDC HTCS-7933 01-REF-100 Rev01	25%
5	Successful Installation at GAIL USAR Site as per TDC HTCS-7933 01-REF-100 Rev01	20%

H. CONTRACT EXECUTION BANK GUARANTEE (CEBG):

- In the event of an order, vendor shall furnish Contract Execution Bank Guarantee (CEBG) from any of our consortium banks (List enclosed) as per the enclosed BG Format.
- CEBG shall be submitted for 3% of total contract value within 10 days from the date of issue and valid till execution of contract/PO with a claim period of 12 months thereafter.
- Vendor to instruct their CEBG issuing bank to send the Original CEBG directly to BHEL-HPV-Visakhapatnam.

I. PERFORMANCE BANK GUARANTEE (PBG): -

- a) In the event of an order, Vendor shall furnish Performance Bank Guarantee from any of our consortium banks (List enclosed) as per the enclosed BG Format for Performance Security.
- b) Performance Bank Guarantee shall be submitted for 10% of total contract value along with invoice for last dispatch valid till end of guarantee period and submission of As-built drawings documents with a claim period of 12 months thereafter.
- c) Vendor to instruct their PBG issuing bank to send the Original PBG directly to BHEL-HPVP-Visakhapatnam.

J. Successful bidder has to procure the materials / components from the given approved "VENDOR LIST" document.

K. RISK PURCHASE: The delivery period stated shall be realistic and shall be strictly adhered to. If the delivery period is not maintained and if on the account, this company is forced to buy the materials elsewhere to avoid a loss or damage that the company may sustain thereby the purchaser is entitled to procure the material at a risk and cost of the seller, which shall be recovered from them out of due of this PO / Contract, any other PO / Contract with BHEL and balance amount if any shall be required to be deposited by the vendor.

L. LINKING UP OF OLD ISSUES: In case if bidder has any outstanding problems with earlier supplies, bidder should not linkup against this enquiry or PO at later stages.

M. Other clauses like LD clause, Force Majeure, Rejection etc. shall be as GeM General terms and conditions.

2. Generic

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](#)

3. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

4. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address FOR BHEL HPVP VISAKHAPATNAM AND GAIL USAR PROJECT SITE AS PER TDC OR TECHNICAL SPECIFICATION.

5. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

6. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, 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. 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 reference to external documents/clauses shall also be null and void. 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

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

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 under 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 the laws.

---Thank You---