

Bid Document

Bid Details	
Bid End Date/Time	10-01-2023 17:00:00
Bid Opening Date/Time	10-01-2023 17:30:00
Bid Offer Validity (From End Date)	65 (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	10020009-cffp Haridwar
Total Quantity	7
Item Category	Graphite Electrode-IS:9050 (Q3)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation	2 Days
Payment Timelines	Payments shall be made to the Seller within 90 days of issue of 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

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MI 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 -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 .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 25%(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 no 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 would 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 all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Graphite Electrode-IS:9050 (7 metric tonne)

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

Brand Type	Registered Brand
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Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Bid Requirement (Allowed Values)
Grades	Type fo grade	High Power
Capacity	Current Carrying Capacity, kA	16-24, 24-32, 32-40, 40-48, 48-56, 56-64, 64-72, 72-80, 80-88, 88-96, 96-104, 104-112, 112-120, 120-128, 128-136, 136-144, 144-152, 152-160, 5.2 to 9.1, 6.5 to 11.7, 7 to 10, 7 to 13, 8.45 to 14.3, 10.4 to 17.6, 11.7 to 19.5, 12 to 20, 13 to 24.7, 14.4 to 24, 16 to 30.4, 18.2 to 30.55, 19.5 to 32, 20 to 35, 20 to 38, 22.1 to 35.75, 22.4 to 37.6, 23 to 36, 27.2 to 44, 28 to 47, 28 to 51, 32 to 51.2, 40 to 48, 40 to 64, 45 Min
Dimensions	Electrode Nominal Length	1000, 1200, 1500, 1800, 2100, 2400, 2700
	Electrode Nominal Diameter	300.0
	Tolerance in Nominal Length	1100-1350, 1400-1550, 1400-1650, 1700-1850, 1700-1875, 1700-1975, 1975-2275
	Short Length Tolerance	Upto 975, Upto 1225, Upto 1525, Upto 1825, Upto 2125
	Tolerance in Nominal Diameter	200-205, 225-230, 229-231, 251-256, 302-307, 352-357, 403-409, 454-460, 505-511
Technical Parameters	Apparent Density in GMS/CC, Min	1.62, 1.66-1.76, 1.68-1.76, 1.73-1.85, 1.55 to 1.65, 1.56 to 1.66, 1.65 to 1.75, 1.66 to 1.76, 1.65 Min
Nipples Parameters	Type of nipple used	4 TPI
	Accessories Complementary (Included With Graphite Elcetrode)	Torque Wrench- 1 no. per order, Transfer Nipple/ Lifting Plug- 1 no. every 40 pcs., Strap Cutter- 1 no. per order, Transfer Nipple/ Lifting Plug- 1 no. every 80 pcs.

Additional Specification Parameters - Graphite Electrode-IS:9050 (7 metric tonne)

Specification Parameter Name	Bid Requirement (Allowed Values)
300mm nominal Diameter HP grade Graphite Electrodes along with connecting Nipples are to be supplied in accordance to IS:9050. Diameter tolerance: 302-307 mm. Length: 1500-1800 mm Nipples (4TPI of UHP grade) as per IS 9050	Vendor to accept to supply Graphite Electrode as per dimensions specified to the left without any deviation.

Specification Parameter Name	Bid Requirement (Allowed Values)
Physical & Chemical properties. Bulk Density: 1.58-1.63 g/cc, Grain Size: 1.68 mm (max) Resistivity (micro ohm-cm): 700-900, Flexural Strength (Kg/Cm2):100-130, Compressive Strength (Kg/Cm2):180-230, Tensile Strength (Kg/Cm2): 60-80	Vendor to accept to supply Graphite Electrode as per Physical & Chemical properties specified to the left without any deviation.
Coefficient of thermal; expansion (/Deg C x 10 ^{^(-7)}): 10-13, Youngs Modulus (Kg/mm2): 800-900, apparent porosity (%): 25-27, Ash content (%),max): 0.2%, Carbon content: 99.8% (Min)	Vendor to accept to supply Graphite Electrode as per Physical & Chemical properties specified to the left without any deviation.
Supplier is required to furnish 4 set of originals manufacturers test certificate along with supply of material containing BHEL PO number, Supplier name, Batch Number & Serial Number, Test result against above mentioned Physical & Chemical Properties	Vendor to agree
To be supplied in suitably packed wooden crates/pallets, the end of electrodes shall be covered with corrugated boards to protect the threads and other damage during transit. Nipples to be packed separately in thick corrugated boxes.	Vendor to agree and quantity variation shall be +/- 5%

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Delivery Schedule (In number of days from contract start days)		
1	Jaspal Rawat	249403,Central Foundry Forge Plant, BHEL, Ranipur, Haridwar	Quantity	Delivery to start after	Delivery to be completed by
			7	15	30

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
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S.No.	Document Title	Description	Applicable i.r.o. Items
1	Item Description View	Bidder to confirm the offered items as per BHEL short description by giving acceptance on the attached document with sign and seal.	Graphite Electrode-IS:9050(7)
2	Specification View	Bidder to confirm the offered items as per BHEL specification by giving acceptance on the attached document with sign and seal.	Graphite Electrode-IS:9050(7)
3	PQR View	Bidder has to submit documents as per PQR to qualify in the GEM bid.	Graphite Electrode-IS:9050(7)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions

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

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 %.

3. Generic

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

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

4. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

5. Purchase Preference (Centre)

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% 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 percentage of 25% of total value.

6. Inspection

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): At Seller Works
Post Receipt Inspection at consignee site before acceptance of stores: At CFFP BHEL Haridwar

7. Certificates

Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

8. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

9. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. RISK PURCHASE. In case of abnormal delays (beyond the maximum late delivery period as per LD clause) in supplies/defective supplies or non-fulfilment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part

thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract or under General Law.

2. PAYMENT TERMS: A. 100% payment will be made to the Micro & Small Enterprises (MSEs) seller within 45 days after receipt; subject to acceptance of material at CFFP / BHEL, Haridwar through e-payment by the Buyer. **B.** 100% payment will be made to the Medium Enterprises seller within 60 days after receipt; subject to acceptance of material at CFFP / BHEL, Haridwar through e-payment by the Buyer. **C.** 100% payment will be made to the Non MSME seller within 90 days after receipt; subject to acceptance of material at CFFP /BHEL, Haridwar through e-payment by the Buyer.

3. Original Manufacturer's Test certificate & Guarantee Certificate required along with dispatches.

4. Quantity variation +/-5% is acceptable.

5. Final inspection at CFFP, BHEL Haridwar.

6. 1 no. of Torque Wrench, Strap Cutter is required to be supplied on complimentary basis. Transfer

Nipple/ Lifting Plug- 1 No. every 40 pieces is required to be supplied on complimentary basis.

Disclaimer

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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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](#)

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.

---Thank You---