

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	02-09-2024 16:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	02-09-2024 16:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	75 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Heavy Industries And Public Enterprises
Department Name/विभाग का नाम	Department Of Heavy Industry
Organisation Name/संगठन का नाम	Bharat Heavy Electricals Limited (bhel)
Office Name/कार्यालय का नाम	10140027-hpbp Trichy
Total Quantity/कुल मात्रा	7
Item Category/मद केटेगरी	Potable Water Purification System with Inbuilt Water Cooler (Q2)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC) *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/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

Bid Details/बिड विवरण	
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/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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- Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 100% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
- Short Duration Bid has been published by the Buyer with the approval of the Competent authority due to Emergency procurement of critical products/services.
- 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 MSE 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.

Potable Water Purification System With Inbuilt Water Cooler (7 pieces)

Technical Specifications/तकनीकी विशिष्टियाँ

[* As per GeM Category Specification/जेम कैटेगरी विशिष्टि के अनुसार](#)

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Standard Parameter	Certification for the product	CE
	Conformity to Standard for Ultraviolet system	IS 14724 (latest) for water purification system with Ultraviolet disinfection, NA if UV not provided
Performance Parameter	Type of water purification technology	RO
	Power consumptions of system (with $\pm 5\%$ tolerance) (in watt)	300, 400, 575, 775, 950, 1300, 1550, 2200
	Maximum Input Water TDS allow to the system	1000
	Operation mode	Fully automatic with auto cut off
	Ultraviolet (UV) LAMP	Yes, No Or higher
	Provision of Arsenic removal	Yes, No Or higher
	Provision of Fluoride removal	Yes, No Or higher
	Provision of Chloride removal	Yes, no Or higher
	Alkaline filter	Yes, No Or higher
	Material of water Storage Tank	Stainless Steel SS 304
	Storage tank capacity up to float valve level (in liter)	50
	RO Membrane rating	75 GPD
	RO Membrane flushing	Auto flush at every start, every stop and every one hour for 1 minutes
	Particulate Filter size	10 inch, 20 inch
	Particulate Filter Porosity	5 micron, 10 micron, 20 micron
	Activated Carbon filter Size	10 Inch, 20 Inch

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm	Yes, No Or higher
	Nano Silver leaching filtration	Yes, No Or higher
	Minimum inlet pressure	0.3 KG/CM2, 0.6 KG/CM2, 1 KG/CM2
	Digital display	Yes, No Or higher
	Real time TDS display	Yes, No Or higher
	Real time pH Display	Yes, No Or higher
	High pressure pump	Yes Or higher
	Raw water/Chemical Raw water/Chemical Cleaning pump	Yes, No Or higher
	Recovery percentage at 27 degree centigrade	25-35, 30-40, 50-60, 70-80, 90-100
	Filtration water capacity in liter/ hour	25
	TDS removal percentage from RO Membrane	50%
	Pressure vessel Sand Filter	Yes Or higher
	Pressure vessel Carbon Filter	Yes Or higher
	Pressure Vessel Dual Media Filter	Yes, No Or higher
	Body of filter	ABS Food grade
	Membrane Housing	Yes Or higher
	Number of candles	2
Cooler Parameters	Type of compressor	Rotary, Reciprocating
	Refrigerant Used	HFC-R-134/A
	Refrigeration temperature	15 to 17
	Provision for Hot water	Yes, No Or higher
	Number of Cold Water Faucets	1
	Number of Normal Water Faucets	1
	Number of Hot Water Faucets	Na
	Cooling capacity at comfort level (17 ± 1 degree celsius) (in liter per hour)	10, 20, 40, 60, 80

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Installation Type	Floor Mounted
	Power supply	SINGLE PHASE (230 ± 10 % VOLT,%0 Hz)
	Warranty in years including electronic ,electric parts, replacement of filters twice a year)	1
	Warranty period without Filter , electronic and electrical parts	1, 2, 3, Na
	Warranty period without Filter & inclusive of electronic and electrical parts	1, 2, 3, NA
Additional Parameters	Availability of type test Test REPORT for Filtering Size of Particles	Yes, No Or higher
	Availability of Test Report on Microbial Efficacy from Govt/NABL/ilac Lab	Yes, No Or higher
	Avaiability of type test certificate from NABL/ILAC Lab design evaluation report as per IS 14724	Yes, No Or higher
	Availability of toll free centres for customer support	Yes, No Or higher
	Installation and Commissioning inclusive in the scope of Supply*	Yes Or higher
	Availability of NABL Accredited Laboratory Facility with OEM	Yes, No Or higher
	Inlet Pipe & Fitting from raw water scources to water purification system	suitable pipe and fitting to be provided by seller up to 20 feet, to be arranged by buyer / consignee, Not applicable
	Pipe & Fitting from Out let to purified water tank	to be arranged by seller (upto 20 feet), To be arranged by buyer /consignee, Not applicable
	Electrical fitting and plug points	To be arranged by buyer /consignee, To be arranged by seller
	ISI marked Electronic and electrical parts provided	Yes Or higher
	Scope Civil Work if any required during installation	All Civil work shall be responsibility of buyer, All Civil work shall be responsibility of Seller

Additional Specification Parameters - Potable Water Purification System With Inbuilt Water Cooler (7 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Technical catalogue and O & M Manuals and Guarantee	One hard copy and one soft copy of the detailed O & M manuals containing drawings, part numbers for seal kit, pumps, filter membrane, solenoid valve, SMPS, float switch, compressor, thermostat etc. in English Language shall be provided at the time of supply of equipment. Performance of the "Potable water Purification system with inbuilt watercooler (RO)" equipment shall be guaranteed for a minimum period of twelve months from the date of commissioning
Inspection - Erection & Commissioning	The equipment shall be offered for BHEL inspection, prior to despatch Installation and commissioning of the supplied equipment, shall be carried out by supplier's representative at BHEL PPPU, Thirumayam.
OEM/ authorized dealer	The bidder should be either a manufacturer or an authorized dealer of reputed OEMs of "POTABLE WATER PURIFICATION SYSTEM WITH INBUILT WATER COOLER (RO)". In case of authorized dealer, the bidder has to produce valid certificate.
After sales service in tamil nadu	The items are indented for usage in BHEL PPPU located at Thirumayam. Hence, the bidder shall have, "after sales service" in Tamilnadu. Bidder shall provide contact details (phone no & email id) including the address of his Agents / Service Centers in Tamilnadu.
Extra parameters required	Availability of sediment and activated carbon filter - Yes No of Antiscalant filter provided, Water flow rate through Faucets(in litre per hour) - any value Cooling capacity at comfort level (17 ± 1 degree celsius) (in litre per hour) - any value Warranty period without Filter , electronic and electrical parts and Warranty period without Filter & inclusive of electronic and electrical parts - NA

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Fousiya E K	620014,MATERIALS MANAGEMENT, IV FLOOR, BUILDING -24, HIGH PRESSURE BOILER PLANT, BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI 14	7	15

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

1. Generic

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

2. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

3. **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 %.

4. **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.

5. **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.

6. **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 100% of total value.

7. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---