

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण/Bid Details  |   |
|--|---|
| बिड बंद होने की तारीख/समय /Bid End Date/Time   | 11-07-2026 15:00:00   |
| बिड खुलने की तारीख/समय /Bid Opening Date/Time  | 11-07-2026 15:30:00   |
| बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)  | 90 (Days)   |
| मंत्रालय/राज्य का नाम/Ministry/State Name  | Ministry Of Heavy Industries And Public Enterprises   |
| विभाग का नाम/Department Name   | Department Of Heavy Industry  |
| संगठन का नाम/Organisation Name   | Bharat Heavy Electricals Limited (bhel)   |
| कार्यालय का नाम/Office Name  | 10060010-r&d  |
| शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal  | HOD Email id :panda@bhel.in<br>Buyer Email id: madhuk@bhel.in   |
| कुल मात्रा/Total Quantity  | 2   |
| वस्तु श्रेणी /Item Category  | Mass flow meter for Hydrogen , Mass flow meter for Oxygen   |
| GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS  | Mass flow meter for oxygen with flow 1 nm3/hr   |
| GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS   | Oxygen Flow Meter, Coriolis Mass Flow Meter, Mass Flowmeter for Verification of CNG Dispenser for Vehicles as per Legal Metrology Division (Department of Consumer Affairs), Nasal Cannula (V2), Digital Ultrasonic Non-Contact Flowmeter with Totalizer, Water Flow Measurement in Open Channels - Rotating Element Current Meters as per IS 3910, Portable Toilet, Mass Flow Controllers, Digital Light Meter, Welding Electrode - Covered Arc Welding Electrode - Rutile Type (BEML) |
| अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification                                    | <ul style="list-style-type: none"> <li>• Mass Flow Controllers</li> <li>• Oxygen Flow Meter</li> </ul>  |
| एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover         | No  |
| स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover | Yes   Complete  |

| बिड विवरण/Bid Details  |  |
|--|--|
| बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>                                     | 4  |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>   | 3  |
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>   | 1  |
| बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled   | No   |
| बिड का प्रकार/Type of Bid  | Two Packet Bid   |
| प्राथमिक उत्पाद श्रेणी/Primary product category  | Mass flow meter for Hydrogen   |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation  | 2 Days   |
| निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM) | No   |
| <b>Payment Timelines</b>   | Payments shall be made to the Seller within <b>45</b> 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) |
| मूल्यांकन पद्धति/Evaluation Method   | Item wise evaluation   |
| मध्यस्थता खंड/Arbitration Clause   | No   |
| सुलह खंड/Mediation Clause  | No   |

#### ईएमडी विवरण/EMD Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

#### ईपीबीजी विवरण /ePBG Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई खरीद वरीयता/MII Purchase Preference

|  |    |
|--|----|
| एमआईआई खरीद वरीयता/MII Purchase Preference | No |
|--|----|

## एमएसई खरीद वरीयता/MSE Purchase Preference

|   |     |
|---|-----|
| एमएसई खरीद वरीयता/MSE Purchase Preference   | Yes |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ / Purchase Preference to MSE OEMs/ Service Provider available upto price within $L1+X\%$           | 15  |
| सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference | 100 |

## ट्रेड्स भुगतान संबंधी विवरण/TReDS Payment Details

**This Bid provides for Trade Receivables Discounting System (TReDS) as Preferred mode of payment. For MSME sellers, payments may be processed through a TReDS exchange in which the Buyer is registered, subject to applicable policy and regulatory guidelines. Accordingly, sellers intending to avail payment through TReDS are required to be registered with at least one TReDS exchange in which the buyer is registered.**

1. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
3. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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. 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 in case of product bids, whereas in case of services the eligibility is automatically validated. 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.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.
4. 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.

**मूल्यांकन विधि(मदवार मूल्यांकन विधि) / Evaluation Method ( Item Wise Evaluation Method )**

Contract will be awarded schedule wise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

| मूल्यांकन अनुसूचियां / <b>Evaluation Schedules</b> | वस्तु/श्रेणी / <b>Item/Category</b> | मात्रा / <b>Quantity</b> |
|--|-------------------------------------|--------------------------|
| Schedule 1   | Mass Flow Meter For Hydrogen        | 1                        |
| Schedule 2   | Mass Flow Meter For Oxygen          | 1                        |

**Mass Flow Meter For Hydrogen ( 1 pieces )**

**तकनीकी विशिष्टियाँ /Technical Specifications**

|   |                          |
|---|--------------------------|
| क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document | <a href="#">Download</a> |
|---|--------------------------|

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

| क्र.सं./S.N<br>o. | परेषिती/रिपोर्टिंग<br>अधिकारी /Consignee<br>Reporting/Officer | पता/Address   | मात्रा /Quantity | डिलीवरी के दिन/Delivery<br>Days |
|-------------------|---|---|------------------|---------------------------------|
| 1                 | Ambati Sandeep  | 500042,BHEL, Corp.R&D,<br>Vikasnagar, Near BBR Hospital,<br>Hyderabad | 1                | 42                              |

**Mass Flow Meter For Oxygen ( 1 pieces )**

**तकनीकी विशिष्टियाँ /Technical Specifications**

|   |                          |
|---|--------------------------|
| क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document | <a href="#">Download</a> |
|---|--------------------------|

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

| क्र.सं./S.N<br>o. | परेषिती/रिपोर्टिंग<br>अधिकारी /Consignee<br>Reporting/Officer | पता/Address   | मात्रा /Quantity | डिलीवरी के दिन/Delivery<br>Days |
|-------------------|---|---|------------------|---------------------------------|
| 1                 | Ambati Sandeep  | 500042,BHEL, Corp.R&D,<br>Vikasnagar, Near BBR Hospital,<br>Hyderabad | 1                | 42                              |

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

### 1. **Buyer Added Bid Specific ATC**

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

### 2. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

#### **Description: Mass flow meter for Hydrogen and Oxygen**

##### **1) Pre-Qualification Criteria:**

**1a) Experience:** Bidder shall submit at least one purchase order copy for supply of mass flow meter for Hydrogen gas (or) Oxygen gas obtained by them or their OEM within last 5 years from the date of this enquiry.

**1b) Vendor/Bidder:** The bidder must be the Original Equipment Manufacturer (OEM) / authorized dealer of OEM. If the bidder is an authorized dealer of OEM, bidder shall submit valid authorization letter from his OEM. If bidder is an OEM, he should submit a self-declaration certificate.

**1c) Relaxation of Norms for Start-ups:** The condition of Prior Turnover and prior experience is relaxed for all start-ups whether Micro & Small Enterprises (MSEs) or otherwise subject to meeting of quality and technical specifications in accordance with the relevant provision of GFR,2005 and other DOE-PPD notifications for relaxation norms for start-ups issued from time to time.

**2) Payment term:** 100% basic payment shall be made within stipulated days as mentioned below from the date of receipt of material subject to acceptance of material at BHEL Corporate R&D, Hyderabad, against submission of GST compliant Invoice.

Type of bidder:

A. For Micro & Small enterprises (MSEs) payment will be made within 45 days

B. For Medium Enterprises will be made within 60 days

C. Non MSMEs will be made within 90 days

However, GST Portion of Invoice shall be released only upon:

i) Vendor declaring the Invoice in their GSTR-1.

ii) Receipt of Goods and Tax Invoice by BHEL.

iii) Confirmation of Payment of GST thereon by vendor on GSTN.

**Note:** "Payment Timelines" mentioned in the GeM Bid document shall be ignored and the Payment term shall be as per this clause.

**3) Compliance on restrictions under Rule 144 (XI) of the GFR:** Submit the Annexure - A which is attached in ATC document.

**4) Compliance on Treatment of cases regarding conflict of interest:** Submit the Annexure - B which is attached in ATC document.

**5) Technical Specification:** Bidder shall submit compliance on attached BHEL Technical specification uploaded in Buyer Specification Document

**6) Terms of Delivery:** FOR BHEL R&D, Hyderabad.

**7)** Vendor has to submit this GeM bid document duly signed and stamped on all pages. By submitting signed Gem bid document it affirms that vendor has accepted to all terms and conditions mentioned in this bid such as payment terms, delivery period, Terms of Delivery, Breach of contract, Remedies and Termination, Invoice registration and documents upload in SUVIDHA portal by suppliers etc.

**8)** Vendor has to quote price(s) inclusive of GST, Transportation/Insurance, Loading/Unloading charges. Insurance, loading/unloading from vendor site to BHEL R&D, Hyderabad will be in vendor scope only.

**9) Banned firms:** 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 <https://www.bhel.com/supplier-registration>

**10) Breach of contract, Remedies and Termination:**

In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is at least 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies be pursued. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

**11) Invoice registration and documents upload in SUVIDHA portal by suppliers :**

Irrespective of the value of the invoice amount, the bidder/vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/>, prior to despatch. All documents as per PO checklist, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs five lakhs, in case they were not digitally signed and uploaded on the portal. The material will not be accepted inside BHEL in absence of the above.

**12) Grievance Redressal Mechanism:** To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company.

Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:

1) First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract.

2) Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix."

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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. 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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and
- All operative provisions of the erstwhile Labour Laws until their complete substitution.

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

**This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.**

**However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.**

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

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 कार्रवाई का आधार होगा।/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.

---धन्यवाद/Thank You---