

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	02-02-2026 13:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	02-02-2026 13:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Mines
विभाग का नाम/Department Name	Na
संगठन का नाम/Organisation Name	Jawaharlal Nehru Aluminium Research Development And Design Centre (jnarddc)
कार्यालय का नाम/Office Name	West
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	FIRE ASSAY FURNACE
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Electric Furnace for Fire Assay
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Electric Motor Fire Siren (IOCL), Electric Fire Siren as per IS 1941, PLC based fire alarm system, Automatic Fire Ball for Fire - Extinguishing, Line Probe Assay Kit for Second Line Drugs under NTEP, Electrical Safety Devices And Accessories (Insulating Mats For Electrical Purposes) ISI Marked to IS 15652, Line Probe Assay Kit for First Line Drugs under NTEP, Electric Scooter for Specially Abled, MCB - Miniature Circuit - Breakers for A.C. Operation as per IS / IEC 60898 (Part 1), Electric sterilizer for inoculation loop
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • Tubular Furnace • Muffle Furnace • Benchtop Thermocouple Calibration Furnace (High Temperature Thermocouple Calibration Furnace)/Portable Calibration Furnace
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	15 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	120 Lakh (s)

बिड विवरण/Bid Details	
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/ Years of Past Experience Required for same/similar service	3 Year (s)
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	No
विक्रेता से मांगे गए दस्तावेज़/ Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/ Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	8
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	2
विगत प्रदर्शन / Past Performance	80 %
बिड से रिवर्स नीलामी सक्रिय किया/ Bid to RA enabled	No
बिड का प्रकार/ Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / Time allowed for Technical Clarifications during technical evaluation	3 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
मूल्यांकन पद्धति/ Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes

बिड विवरण/Bid Details

मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	IDBI Bank
ईएमडी राशि/EMD Amount	90000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	IDBI Bank
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	17

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

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Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC), Ministry of Mines
(Jnarddc, Nagpur)

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

एमआईआई के लिए आरक्षित / Reserved for Make In India products

एमआईआई के लिए आरक्षित / Reserved for Make In India products	Yes
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एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य $L1+X\%$ तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within $L1+X\%$	15

<p>सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference</p>	<p>25</p>
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Bid reserved for Make In India products: : Procurement under this bid is reserved for purchase from 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. However, eligible micro and small enterprises will be allowed to participate. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document. All bidders 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 the bid is liable to be rejected. 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 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
5. 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 25% (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.
6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having

highest bid value should meet this criterion.

FIRE ASSAY FURNACE (1 Unit)

(Minimum 50% Local Content required for qualifying as Class 1 Local Supplier)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Lalit Mohan	440023,Opp Wadi Police Station Amarawati Road	1	60

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. 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.

3. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC)
payable at
Nagpur

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Jawaharlal Nehru Aluminium Research Development and Design Centre

Account No.

041104000192392

IFSC Code

IBKL0000041

Bank Name

IDBI Bank

Branch address

Gupta House, Rabindranath Tagore Road, Civil Lines, Nagpur - 440001

. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

5. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC)

payable at

Nagpur

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

6. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

Jawaharlal Nehru Aluminium Research Development and Design Centre

Account No.

041104000192392

IFSC Code

IBKL0000041

Bank Name

IDBI Bank

Branch address

Gupta House, Rabindranath Tagore Road, Civil Lines, Nagpur - 440001

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

7. **Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Jawaharlal Nehru Aluminium Research Development and Design Centre

JNARDDC

Opposite Wadi Police Station

Amravati Road, Wadi

Nagpur - 440023

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8. **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 %.

9. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

10. **Generic**

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

11. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

12. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

13. **Generic**

Scope of supply includes Training: Number of employees to be trained

2

, Place for Training
JNARDDC, Nagpur
and Duration of training

2

days.

14. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

15. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price:

all are including

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16. **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.

17. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

18. Turnover

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

19. Past Project Experience

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

20. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- 1 **Past experience:** Bidder/OEM must have past experience in selling this type of fire Assy Furnace (minimum Temp 1000⁰ C) during last 03 financial years. At least 01 Govt supply orders for fire Assy Furnace with minimum value of 20 Lakhs each order must be executed and to be submitted with bid. If Govt orders are not available, minimum 03 private parties' orders of fire Assy Furnace with minimum 20 Lakhs each order value to be submitted with bid. To prove the past experience copies of purchase order with installation report to be submitted. Name of buyer, mobile no and email address to be submitted with bid.
2. If there is any deviation in the offered model from JNARDDC technical specifications, it must be mentioned in the technical compliance sheet.
3. Demonstration of the offered model will be part of the technical evaluation. JNARDDC reserve the right to ask any bidder to demonstrate the offered model.
4. Bidders have to supply all standard essential accessories required for the successful installation and commissioning of the goods supplied.
5. Original equipment manufacturer (OEM) must have the following quality assurance certificates and to be submitted with bid.
 - a) ISO 9001:2015
 - b) CE certificate
 - c) GMP Certificate

 - d) IP66 Certificate
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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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. 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 catalogs 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 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.

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.

[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---

JNARDDDC, NAGPUR

TECHNICAL SPECIFICATION OF FIRE ASSAY FURNACE WITH SAFETY AND ACCESSORIES

Sl. No.	Description/Specification/Requirement	Quantity
01	Electric Furnace for Fire Assay	01
	<p><u>Temperature:</u> with Max. Temp 1200° C and Operating temp. 1150°C. (Inner size of the muffle 570 x 600 x 305 mm (DxWxH)</p> <p><u>Size of the furnace:</u> Outer Dimension : 1300x1100x1500 w/ door closed (DxWxH)</p> <p><u>Electrical requirements:</u> 40 K.W, 3 Phase, 440 volts.</p> <p><u>Cabinet:</u> Pneumatic top opening door</p> <p>Power cutting off when furnace door open Insulation should be zirconium-containing ceramic fiber panels, mullite lightweight bricks.</p> <p><u>Muffle</u> : A removable muffle should be present which protects the heating elements,.</p> <p><u>Heating elements:</u> Easily replaceable 12 nos of Silicon carbide Heating elements.</p> <p><u>Terminals:</u> Rod type terminals are insulated from the casing with ceramic bushes to avoid contact with metal casing.</p> <p><u>Hearth Plate & Muffle</u> : The furnace hearth plate should be made of cordierite-mullite, and the furnace chamber (Muffle) should be is made up of silicon carbide.</p> <p><u>Control panel:</u> The control panel with HMI controllers with Silicon Controlled Rectifier (SCR) with 1 No. PID controller with ramp and soak with input sensor configurable. Solid state relay for controlling temp. Type K Thermocouple.</p>	

02.	Cupellation Furnace:	01
	<p><u>Temperature</u> with 1150 °C operating temperature. Max. 1200 °C (Inner size of the muffle 460x260x210 mm (DxWxH) <u>Size of the furnace:</u> i) Outer Dimension: 900x1100x1510 (DxWxH)</p> <p><u>Electrical requirements:</u> 18KW, 3 Phase, 400 volts.</p> <p><u>Cabinet:</u> Pneumatically control opening door, with the hot furnace door up and away from the operator . Power cutting off when furnace door open Insulation should be zirconium-containing ceramic fiber panels, mullite lightweight bricks.</p> <p><u>Muffle</u> : A removable muffle should be present which protects the heating elements</p> <p><u>Hearth Plate & Muffle</u> : The furnace hearth plate should be made of cordierite-mullite, and the furnace chamber (Muffle) should be is made up of silicon carbide.</p> <p><u>Control panel:</u> The control panel with HMI controllers with Silicon Controlled Rectifier (SCR) with 1 No. PID controller with ramp and soak with input sensor configurable. Solid state relay for controlling temp. Type K Thermocouple.</p> <p><u>Heating elements:</u> Easily replaceable 12 nos of Silicon carbide Heating elements.</p> <p><u>Terminals:</u> Rod type terminals are insulated from the casing with ceramic bushes to avoid contact with metal casing. The lead fumes liberated during the fire assay operation gets collected in the baffle.</p>	
03.	Accessories	
a	Knock up bench	1No
b	Pouring trolley	1No
c	Hot Pot Trolley	1No
d	Pot Bench	1No
e	Crucible Tong	1No
f	Cupel Cooling Rack	1No
g	Cupels removing tongs	1No

h	Manual Crucible Loader	1No
i	Dust Collector volume:11000 M3/h Rotating speed : 2900 rpm Filter cartridges : 6 Including the Pulse dust collector, Pipe, hood for two furnaces	1No
j	Five-hole Mould Smooth surface, integrated casting, no liquid wall hanging, single hole capacity 100ml	5Nos
k	Fire Resistant Suit	2 Nos
l	Spare thermocouple	2 Nos
m	Button hammer	2 Nos
n	Button tongs	2 Nos
o	Button tray	2 Nos
p	Bead pliers	2 Nos

Bidder have to quote the price including supply, installation, commissioning, 01 Year warranty and training with all transportation and GST.

Other Important Terms & Conditions

- **Warranty** : One year onsite warranty from the date of successful installation & commissioning of the Fire-Assay unit. To be given undertaking on letter head.
- If bidder is not self OEM , they must have authorization from OEM.
- **Past experience:** Bidder/OEM must have past experience in selling this type of fire Assy Furnace (minimum Temp 1000° C) during last 03 financial years. At least 01 Govt supply orders for fire Assy Furnace with minimum value of 20 Lakhs each order must be executed and to be submitted with bid. If Govt orders are not available, minimum 03 private parties' orders of fire Assy Furnace with minimum 20 Lakhs each order value to be submitted with bid. To prove the past experience copies of purchase order with installation report to be submitted. Name of buyer, mobile no and email address to be submitted with bid.
- The maximum break down period allowed is 72 hrs from the time of lodging the complaint against the breakdown.
- The pre-installation requisite civil & electrical will be provided by the JNARDDC. After awarding the order , pre-installation requirement to be intimated to JNARDDC by firm.
- Original equipment manufacturer (OEM) must have the following quality assurance certificates and to be submitted with bid.

- a) ISO 9001:2015
- b) CE certificate
- c) GMP Certificate
- d) IP66 Certificate

Bidder have to submit the bid with technical compliance sheet and other documents (past performance, quality certificate , turnover and other certificate declaration, MII, EMD etc) . Shortfall of documents may lead to rejection of bid and declared disqualified.