



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5441388
Dated/दिनांक : 12-11-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	23-11-2024 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	23-11-2024 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Nuclear Power Corporation Of India Limited
Office Name/कार्यालय का नाम	Kaiga Karnataka
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Fourier Transform Infra Red (FTIR) Spectrometer (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	Certificate (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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
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	7 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

Bid Details/बिड विवरण

Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	59000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	20

(a). 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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी 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।

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

Beneficiary/लाभार्थी :

Site Director, Kaiga

THE HEAD CONTRACTS & MATERIAL MANAGEMENT, NUCLEAR POWER CORPORATION OF INDIA LIMITED, KAIGA GENERATING STATION, PO KAIGA, VIA-KARWAR,UTTARA KANNADA DISTRICT-581400

(Site Director)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	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 .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.

2. 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.

Fourier Transform Infra Red (FTIR) Spectrometer (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
OPTICAL PERFORMANCE	Wavenumber- Maximum (Per cm)	6000
	Wavenumber - Minimum (Per cm)	600
	Spectral (Wavenumber) Resolution (Per cm)	0.5
	Spectral (Wave Number) Accuracy (Per cm) (+/-)	0.05
	Beam Splitter	ZnSe

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Automatic beam splitter changeover for MIR to NIR or MIR to FIR without manual intervention	No
	Mirror Coating	Gold
	Peak to Peak Signal to Noise Ratio for 1 minute scan	55000:1 or more
DETECTOR	Detector Type	Deuterated L-Alanine doped Triglycine Sulphate (DLaTGS)
	Detector having temperature control	Yes
LIGHT SOURCE	Light Source	High intensity Ceramic light source
SAMPLE TYPE / ANALYSIS FACILITY	Analyze Liquid samples	Yes
	Analyze Solid samples	Yes
	Analyze Powder samples	Yes
	Analyze thin films on metals samples	Yes
	Analyze Gas samples	Yes
SOFTWARE	Customizable Report Template	Yes
FTIR LIBRARIES	FTIR Georgian Crime Library - inclusive in the scope of supply	No
	FTIR Canadian Forensic Library - inclusive in the scope of supply	No
	FTIR Sadler Drug Library - inclusive in the scope of supply	No
	FTIR Polymers & Polymer additives Library, nclusive in the scope of supply	No
	FTIR Surfactants Library, inclusive in the scope of supply	No
	FTIR Minerals & inorganic CompoundsLibrary, inclusive in the scope of supply	No
	FTIR Organic Compounds Library, inclusive in the scope of supply	No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	FTIR Drugs Library, inclusive in the scope of supply	No
	FTIR Adhesives & Sealants Library, inclusive in the scope of supply	No
	FTIR Cosmetics & Personal products Library, inclusive in the scope of supply	No
ACCESSORIES	Suitable Hydraulic Press 15 Ton for pellet/sample preparation - inclusive in the scope of supply	No
	Suitable Mortar and pestle - inclusive in the scope of supply	No
	Suitable Dies - inclusive in the scope of supply	No
	Suitable KBr set for Pellets - inclusive in the scope of supply	No
	KBr Powder - inclusive in the scope of supply	No
	Suitable Pellet holder - inclusive in the scope of supply	Yes
	Types of Suitable ATR - inclusive in the scope of supply	No
	ATR crystal - inclusive in the scope of supply	NA
	Suitable Universal liquid cell holder - inclusive in the scope of supply	Yes
	Suitable Dry Box - inclusive in the scope of supply	Yes
	Suitable Replacement dessicant (rechargeable) - inclusive in the scope of supply	Yes
	Suitable Liquid Cell Window - inclusive in the scope of supply	Yes
	Liquid Cell Window material	CaF2
	Shape of the Cell Window	Rectangular

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Suitable Gas cell - inclusive in the scope of supply	No
GENERIC	FTIR and Sample compartment having provision for purging with gas	No
	FTIR provided with in-built air drier for humidity and vapour protection	No
	Connectivity	ETHERNET
OPERATING CONDITIONS	Minimum Operating Temperature	20.0 (degree Celsius)
	Maximum Operating Temperature	60.0 (degree Celsius)
	Operating Humidity (RH) (%) at 40 degree C	95.0 (percent)
WARRANTY / AVAILABILITY OF SPARES / TRAINING	Warranty on equipment	1.0 (year)
	Warranty on Source	5.0 (year)
	Warranty on interferometer	5.0 (year)
	Warranty on Laser	5.0 (year)
	Onsite training	5.0 (day)
CERTIFICATION	Certifications	ISO, CE
	Availability of UL/CE Certification as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements	No
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	No
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	No
	If Yes, Test Report to be furnished to the Buyer on demand	NA

Additional Specification Parameters - Fourier Transform Infra Red (FTIR) Spectrometer (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Note1:	Bidder has to submit detailed catalogue/broacher detailing all the above mentioned specifications.
Note2:	Supply should also include CaF2 liquid transmission cells of thickness a) 0.05mm -supply of 2 number quantities b) 0.1mm- supply of 2 number quantities c) 0.2mm- supply of 2 number quantities d) 0.5mm -supply of 2 number quantities e) 1mm- supply of 2 number quantities
Note3:	Supply of Branded computer (monitor + CPU separately) for controlling the FTIR through supplied software. (All in one PCs are not accepted)
Note4:	Supply of 2 numbers of branded stabilizers suitable for instrument & PC

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Tirtha Mohanty	581400,Plant Site, Kaiga Generating Station, PO: Kaiga	1	180

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Scope of Supply**

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

2. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

3. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

NOTE:

1. Bidder Compliance required for enclosed Annexure-I for Banning of Business Dealings by NPCIL/Buyer
2. Bidder Compliance required or our enclosed GST Declaration Form.
3. Bidder Compliance required for our specifications of the bid item/s.

4. Clarifications/ documents submitted during Representation Time shall not be considered for evaluation.
5. Unloading at Consignee location is in the scope of the **NPCIL** and Sellers shall exclude the Unloading Charges from the prices quoted for the items under the bid.

6. Performance security:

1. Forms of performance security:

- (a) Successful bidder shall furnish e-PBG for 5% of the Contract value in the form of a Bank Guarantee within 10 days of placement of contract for the duration of 16 Months.
- (b) Performance security shall be in the form of Bank guarantee.
- (c) Alternative to Bank Guarantee, Insurance Surety Bond is also an acceptable form with respect to performance security.

Details required for issuing Bank Guarantee in the form of E-BG are indicated below:

Sr.No	Description	Details
1	Beneficiary PAN	AAACN3154F
2	Beneficiary NAME	Nuclear Power corporation of India Ltd
3	Date of Incorporation	03-09-1987
4	Beneficiary Email ID	edinesh@npcil.co.in
5	Contact Number	9448991723
6	Legal Constitution on the party	Company
7	Registered Office Address	16th Floor, World trade centre-1, Cuffe Parade, Colaba, Mumbai.
8	Registered Office Address Pin code	400005
9	Communication address	SITE DIRECTOR, KAIGA GENERATING STATION Contracts & Material Management Plant Site, Kaiga, Uttara Kannada District, Karnataka.
10	Communication address Pin code	581400

7. **Payment terms:** The seller shall submit Original Invoice clearly marked for 'B

ill to' and 'Supplied to', Annexure-F (copy enclosed), Seller's Bank details, E-invoice if applicable to Seller based on his turnover, Test Certificate (if applicable) etc to the Paying Authority, immediately after dispatching material to the Consignee. As payment is to be released in a time bound manner, non-receipt of these document in time may lead to rejection of Supplies'.

- 8.** 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. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. Relevant documentary evidence in this regard shall be uploaded along with the bid. 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 25% percentage of total QUANTITY. Benefits of Public Procurement Policy shall be given to all eligible MSEs as stated under Point no.3 of FAQ dt. 25/03/2022, irrespective of product categories and the category they are registered under viz. Manufacturing or Service.

9. Seller is responsible for uploading the proof of delivery and e-way bill without fail on GeM Portal for timely processing of the transactions. Seller is responsible for all types of consequences and to bear associated financial implications for non uploading of the relevant documents like proof of delivery, e-way bill, invoice etc. on GeM portal in line with GeM GTC/ATC and as required by GeM functionality.

10. Forms of EMD

1. Bidders can also submit the EMD with Account Payee Demand Draft in favour of Accounts Officer NPCIL Kaiga payable at NPCC Kaiga Branch

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.

2. Bidders can also submit the EMD with Banker's Cheque in favour of Accounts Officer NPCIL Kaiga payable at NPCC Kaiga Branch

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

3. Bidders can submit EMD preferably through SBI Collect Facility. Steps to follow to avail this facility is detailed below:

- 1.1 Go to authenticate website of SBI online.
- 1.2 Go to SBI collect tab & click.
- 1.3 Go to PSU-Public Sector Undertaking tab & click
- 1.4 Type "Nuclear Power Corporation of India" in search bar.
- 1.5 Select "Karnataka" as State in filter option in State tab.

1.6 Select payment category for “EMD/ Performance Security”

1.7 Fill up the requisite details & follow the procedure of bank payment.

Note:- Bidders may contact SBI Customer Service Helplines, if any, required to complete the transaction. Unquote

4. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Accounts Officer NPCIL Kaiga). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee . For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

4. 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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---