



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5093497  
Dated/दिनांक : 03-07-2024

### Bid Document/ बिड दस्तावेज़

| Bid Details/बिड विवरण  |  |
|--|--|
| Bid End Date/Time/बिड बंद होने की तारीख/समय  | 13-07-2024 13:00:00  |
| Bid Opening Date/Time/बिड खुलने की तारीख/समय   | 13-07-2024 13:30:00  |
| Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)  | 120 (Days)   |
| Ministry/State Name/मंत्रालय/राज्य का नाम  | Ministry Of Power  |
| Department Name/विभाग का नाम   | Contracts And Materials  |
| Organisation Name/संगठन का नाम   | Ntpc Tamilnadu Energy Company Ltd                                |
| Office Name/कार्यालय का नाम  | Chennai  |
| Total Quantity/कुल मात्रा  | 2  |
| 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   |
| 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 | 3 Days   |
| Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)                                      | No   |
| Evaluation Method/मूल्यांकन पद्धति   | Total value wise evaluation                                      |

#### EMD Detail/ईएमडी विवरण

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

#### ePBG Detail/ईपीबीजी विवरण

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

### Splitting/विभाजन

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

### Reserved for Make In India products

|                                     |     |
|-------------------------------------|-----|
| Reserved for Make In India products | Yes |
|-------------------------------------|-----|

### MSE Purchase Preference/एमएसई खरीद वरीयता

|   |     |
|---|-----|
| MSE Purchase Preference/एमएसई खरीद वरीयता | Yes |
|---|-----|

1. 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.

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.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

### Potable Water Purification System With Inbuilt Water Cooler ( 2 pieces )

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

**Technical Specifications/तकनीकी विशिष्टियाँ**

\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

| <b>Specification</b>                   | <b>Specification Name/विशिष्टि का नाम</b>                                    | <b>Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य</b>         |
|--|--|---|
| Standard Parameter                     | <b>Certification for the product</b>   | CE, WQA, NSF, NA  |
|  | <b>Conformity to Standard for Ultraviolet system</b>                         | IS 14724 (latest) for water purification system with Ultraviolet disinfection |
| Performance Parameter                  | <b>Type of water purification technology</b>                                 | RO +UV  |
|  | <b>Power consumptions of system (with ± 5% tolerance) (in watt)</b>          | 300   |
|  | <b>Maximum Input Water TDS allow to the system</b>                           | 2000  |
|  | <b>Operation mode</b>  | Fully automatic with auto cut off   |
|  | <b>Ultraviolet (UV) LAMP</b>   | Yes Or higher   |
|  | <b>Provision of Arsenic removal</b>  | Yes, No Or higher   |
|  | <b>Provision of Fluoride removal</b>   | Yes, No Or higher   |
|  | <b>Provision of Chloride removal</b>   | Yes, no Or higher   |
|  | <b>Alkaline filter</b>   | Yes, No Or higher   |
|  | <b>Material of water Storage Tank</b>  | ABS Food Grade  |
|  | <b>Storage tank capacity up to float valve level (in liter)</b>              | 80  |
|  | <b>RO Membrane rating</b>  | 75 GPD, 80 GPD, 100 GPD, 150 GPD, NA  |
|  | <b>RO Membrane flushing</b>  | Auto flush at every start, every stop and every one hour for 1 minutes        |
|  | <b>Particulate Filter size</b>   | 10 inch   |
|  | <b>Particulate Filter Porosity</b>   | 5 micron, 10 micron   |
|  | <b>Activated Carbon filter Size</b>  | 10 Inch   |
|  | <b>Antiscalant- where silica is up to 10 ppm/where Mica is up to 100 ppm</b> | Yes, No Or higher   |
| <b>Nano Silver leaching filtration</b> | Yes, No Or higher  |   |
| <b>Minimum inlet pressure</b>          | 0.3 KG/CM2, 0.6 KG/CM2, 1 KG/CM2   |   |
| <b>Digital display</b>                 | Yes, No Or higher  |   |

| Specification     | Specification Name/विशिष्टि का नाम  | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य |
|-------------------|---|--|
|                   | <b>Real time TDS display</b>  | Yes, No Or higher  |
|                   | <b>Real time pH Display</b>   | Yes, No Or higher  |
|                   | <b>High pressure pump</b>   | Yes Or higher  |
|                   | <b>Raw water/Chemical Raw water/Chemical Cleaning pump</b>  | Yes Or higher  |
|                   | <b>Recovery percentage at 27 degree centigrade</b>  | 70-80  |
|                   | <b>Filtration water capacity in liter/ hour</b>   | 35   |
|                   | <b>TDS removal percentage from RO Membrane</b>  | 90%  |
|                   | <b>Pressure vessel Sand Filter</b>  | Yes, No Or higher  |
|                   | <b>Pressure vessel Carbon Filter</b>  | Yes, No Or higher  |
|                   | <b>Pressure Vessel Dual Media Filter</b>  | Yes, No Or higher  |
|                   | <b>Body of filter</b>   | ABS Food grade   |
|                   | <b>Membrane Housing</b>   | Yes, No Or higher  |
|                   | <b>Number of candles</b>  | 2  |
| Cooler Parameters | <b>Type of compressor</b>   | Rotary, Reciprocating  |
|                   | <b>Refrigerant Used</b>   | HFC-R-134/A  |
|                   | <b>Refrigeration temperature</b>  | 15 to 17   |
|                   | <b>Provision for Hot water</b>  | Yes, No Or higher  |
|                   | <b>Number of Cold Water Faucets</b>   | 1  |
|                   | <b>Number of Normal Water Faucets</b>   | 1  |
|                   | <b>Number of Hot Water Faucets</b>  | 1, 2, 3, Na  |
|                   | <b>Cooling capacity at comfort level (17 ± 1 degree celsius) (in liter per hour)</b>                | 10, 20, 40, 60, 80   |
|                   | <b>Installation Type</b>  | Floor Mounted  |
|                   | <b>Power supply</b>   | SINGLE PHASE ( 230 ± 10 % VOLT,%0 Hz)                          |
|                   | <b>Warranty in years including electronic ,electric parts, replacement of filters twice a year)</b> | 1, NA  |

| Specification         | Specification Name/विशिष्टि का नाम  | Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य  |
|-----------------------|---|---|
|                       | Warranty period without Filter , electronic and electrical parts                                  | 1   |
|                       | Warranty period without Filter & inclusive of electronic and electrical parts                     | 1   |
| Additional Parameters | Availability of type test Test REPORT for Filtering Size of Particles                             | Yes Or higher   |
|                       | Availability of Test Report on Microbial Efficacy from Govt/NABL/ilac Lab                         | Yes Or higher   |
|                       | Availability 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 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 sources 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, No 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                     |

Consignees/Reporting Officer/प्रेषिती/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              | Brenden Palani Thangam                                  | 600103,NTPC Tamilnadu Energy Company Ltd. Vallur Thermal Power Project, PO Vellivoyal Chavadi, Ponneri Taluk, Thiruvallur District, Chennai 600103 | 2               | 40                           |

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

### 1. Generic

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

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

### 2. Scope of Supply

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

### 3. 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:-

- 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.
- Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
- Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
- Creating BoQ bid for single item.
- Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
- Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
- Floating / creation of work contracts as Custom Bids in Services.
- 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---**