



Bid Number/बोली क्रमांक (बिड संख्या): GEM/2024/B/536629

Dated/दिनांक : 12-09-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	03-10-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	03-10-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	90 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Science And Technology
Department Name/विभाग का नाम	Department Of Scientific And Industrial Research (dsir)
Organisation Name/संगठन का नाम	Council Of Scientific And Industrial Research (csir)
Office Name/कार्यालय का नाम	Central Drug Research Institute
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Automatic Fully Mechanised Organic Waste Machine for Compost (Q3)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (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?/	Yes
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

Bid Details/बिड विवरण

Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
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EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	62

(a). 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 :

Director

Central Drug Research Institute, Department of Scientific and Industrial Research (DSIR), Council of Scientific and Industrial Research (CSIR), Ministry of Science and Technology, Lucknow
(The Director Csir-cdri)

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. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offer products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. 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.

4. 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.

5. 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.

Automatic Fully Mechanised Organic Waste Machine For Compost (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

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Generic Parameters	Type of machine	Fully Automatic (PLC Based)
	Reprocessing Capacity of Machine (Kgs)	500
	Chamber volume (approx Six times to reprocessing capacity of machine) (ltrs)	3250 for 500 kgs reprocessing capacity
	Material of body cover	SS - 202 of suitable thickness
	Gear Motor (BEE star rating)	3, 4, 5, 3.5

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Gear Motor	Planetary Gear (Direct drive), Helical Gear
	Heating System	Thermic Oil, ceramic type
	Power Consumption (KW)	Max 15 for 500 kgs reprocessing capacity
	Power requirement	440 V, 3-phase,above 100kg
	Capacity Twin Shaft Shredder (Kg/hr)	200, 350, 250
	Material of Blade of Twin Shaft Shredder	SS-304
	Blade Thickness of Twin Shaft Shredder	5.0 (millimeter)
	Sheet thickness of Hoper of Twin Shaft Shredder	2.0 (millimeter)
	Feeding into Shredder	Manual
	Electric Motor Power Rating for Twin Shaft Shredder confirming to IS:325 latest revision	3.0 (horsepower)
	Material of Canopy of control panel confirming to IS:2062 latest	SS-302
	Air flow capacity of Air Blower (Cubic ft)	200
	Electric Motor Power Rating for Air Blower confirming to IS:325 latest revision	2.0 (horsepower)
	Bioculture requirement	No
	Compostable material removal	Once in 24 hours for continuous plug system
	Comprehensive Warranty of Plant	5.0 (year)
	Noise Level of Plant during Operation (dB)	70

Additional Specification Parameters - Automatic Fully Mechanised Organic Waste Machine For Compost 1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
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Specification Parameter Name	Bid Requirement (Allowed Values)
Specification	Bidder must comply the specification attached in scope of supply and Text Based ATC. The Technical evaluation shall be done on the basis of text based ATC
Eligibility criteria	Bidder must submit Bid Securing Declaration as per attached format attached in Bid document (if not submit this declaration alongwith bid. The bid will be summarily rejected)

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Satyam Rathour	226031,CSIR-Central Drug Research Institute Sector 10, Jankipuram Extension, Sitapur Road,Lucknow 226031, Uttar Pradesh, INDIA	1	45

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

1. Generic

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

2. Generic

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

3. 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

The Director, CDRI
payable at
Lucknow

. 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.

4. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

The Director, CDRI, Lucknow

A/C (Name of the Seller). 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 Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

5. Scope of Supply

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

6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Technical Specification for Automatic Fully Mechanized Organic Waste machine for Compost

S.N.	Specifications
1.	It should be a Fully Automatic (PLC-based) machine
2.	The Reprocessing capacity of machine should be at least 500 kg.
3.	The process should be continuous operation 24x7
4.	The Chamber volume (approximately six times the reprocessing capacity of machine) should be at least 3250L (for 500 kg reprocessing capacity)
5.	The material of the Body covers should be made of SS 202 of suitable thickness.
6.	There should be no sharp edges. Welds and joints should not be visible outside.
7.	The BEE star rating of the Gear- motor should be at least 3 (3*** or above)
8.	The Gear motor may Planetary Gear (direct drive) and /or Helical type Gear system
9.	Gear Motor should be of BIS/ISO standard and quality spare parts should be used.
10.	The machine should work on ceramic type of heating system and or Thermic Oil based heating system.
11.	The power consumption should not be more than 15hp for 500 kg reprocessing capacity

12.	It should work at 440 V, 3 phase (above 100 kg) power requirement
13.	The capacity of the Twin Shaft shredder should be at least 200 Kg/hr
14.	The blade of Twin Shaft shredder should be made of SS-304 material
15.	The thickness of the Blade of Twin Shaft shredder should be at least 5 mm
16.	The sheet thickness of the Hoper of Twin Shaft shredder should be at least 2mm
17.	The feeding into the shredder may be manual/automatic.
18.	The power rating of the Electric Motor for the Twin Shaft shredder should be at least 3hp, confirming to IS:325 or latest revision.
19.	The canopy of the control panel should be made up of powder coated mild steel material confirming to IS:2062 latest or SS 302.
20.	The Air Blower with min 2hp motor capacity and of standard SI marked
21.	The <u>MCB/Relay</u> should be conformity to Standard IS 12640-1 (2008) or latest.
22.	The Air Flow capacity of air blower should be at least 200 cubic ft or higher
23.	The Air Blower should have damper control with low noise.
24.	The Control Panel should be stand-alone with minimum degree of protection IP- 53 conforming to IS:2147.
25.	All parts of the Control panel should be of standard brands, only quality parts should be used.
26.	The power rating of the Electric Motor for the Air blower should be at least 1, confirming to IS:325 latest revisions.
27.	Motor and Blower should have overload (OLR) and current protection.

28.	There should be a requirement of bio-culture. the bio-culture should be of Aerobic microbial culture type and initially for 01 year to be supplied by vendor.
29.	There should be provision of removal of compostable materia once in 24 hours for continuous plug system.
30.	There should be odour control powder/agent with the machir e and initially for 03 years supplied by vendor.
31.	The quality of the Output Compost should be as per the fertilizer Control Order standard.
32.	The output compost should be enriched and in a dry state. It should be easy to handle and pack in garbage bags.
33.	The temperature range of the digester should be 60 °C +/- 10 °C
34.	The safety features should include emergency switch, overloa d indication function and safety switch feature, thereby allowi ng the internal blades to stop automatically when input door i s opened.
35.	The machine should not generate any harmful gases like Sulphur dioxide, methane, carbon dioxide and ammonia etc _____
36.	The machine should be conformity to the guidelines of CPCB, UPPCB and SWM Rules 2016 of compost standards.
37.	There should be no harmful emission by the plant.
38.	A test report for the compost quality should be made availab e from a Central Govt./NABL accredited institute.
39.	Certificate conforming to the 'Solid Waste Management Rules 2016' and 'Fertilizer Control Order, 1985 till latest amendmer t' Compost Quality Standards should be submitted.
40.	A chart showing cost of consumables for 5 yrs. along with freq uency of use should be provided by the supplier. Prospective supplier of above chemicals must be provided with details.
41.	The Comprehensive Warranty of machine should be at least 5 years.
42.	the noise level of the machine should be ≤ 70 dB.

43.	The first test of compost after installation and commissioning should be done by the supplier free of cost and test certificate from NABL certified labs should have submitted within 2 week of sample collection
44.	The supplier should provide a segregation table (3 ft wide x 6 ft long x 2.5 ft high).
45.	The supplier should ensure that the downtime of the machine must not exceed more than 5% in a year. It should not exceed more than 3-5 days in a single stretch

Note:-

1. Bidder must submit Bid Securing Declaration as per attached format in Bid document (if not submitted along with bid, the bid will be summarily rejected)
2. The bidder has to give a confirmation that the spares for quoted item will be available for atleast ten Years.
3. The bidder/manufacturer must have two installations of similar equipment of equivalent specification. Bidder should attached PO and successful installation certificate along with the bid. MSEs/Startups will be exempted from past experience as per rule.

7. **Buyer Added Bid Specific ATC**

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

8. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

9. **Warranty**

Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope

Five Years from the date of Installation

(Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)

10. **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.

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 share 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 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 इस अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---