

Bid Document

Bid Details	
Bid End Date/Time	28-09-2020 10:00:00
Bid Opening Date/Time	28-09-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Science And Technology
Department Name	Department Of Scientific And Industrial Research (dsir)
Organisation Name	N/a
Office Name	Csir - Central Salt & Marine Chemical Research Institute
Total Quantity	1
Item Category	Municipal solid waste single shaft shredder
Experience Criteria	2 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *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
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for 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 / Public Listed Company for number of Financial years as indicated above in the bid document 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Municipal Solid Waste Single Shaft Shredder (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Performance Parameters	Type of shredder	Single shaft	Single shaft
	Application of shredder	Shredder for Municipal Solid Waste containing various objects such as plastic bottles, plastic waste , thrash waste, organic waste etc	Shredder for Municipal Solid Waste containing various objects such as plastic bottles, plastic waste , thrash waste, organic waste etc
	Capacity of shredder taking 8 hrs per day operation in tonnes(1000 Kg)	5	5
	Hooper Loading	Manual	*
	Type of Drive for shredder	Electrical	Electrical
	Type of drive for pusher for Shredder	Electrical	*
	Type of Rotary Shaft	Cylindrical - Solid router with blades fitted	Cylindrical - Solid router with blades fitted
	Input Electrical Supply	Three phase (440 V. 50 Hz)	Three phase (440 V. 50 Hz)
	Motor Power for main drive in HP @ 1440 rpm	7.5 HP	7.5 HP
	Motor power for pusher drive in HP, 1440 RPM	7.5	7.5
	Motor class	IE2	IE2
	Type of control panel	Manual Based	Manual Based
	Independent electrical panel	Yes	*
	Noise level in dB at 1 meter distance while working	82	*
	Capacity of waste bin in litres	0	*
	Auto Reverse System available	Yes	*
	Installation and Demonstration by seller at site before acceptance by buyer	Yes	*
	Warranty (with free spare parts and free service) on machine	1	1
	Number of preventative maintenance visits	2	2

	during warranty (number per annum)		
	Product Instruction Manual, Maintenance Manual and servicing instructions to be supplied	Yes	*
	Tool kit for Repair and maintenance to be supplied	No	No
	Availability of base frame with accessories	Yes	*
	Over load protection	Yes	*
	Gear box for speed reduction	No	No
	Availability of Door Open Cut off switch	No	No
Material Parameters	Material of Housing Enclosure	Mild steel	Mild steel
	Material of Cutter blades mounted on rotary shaft	Hardened Alloy Steel	*
	Material of Rotary Shaft	Alloy Steel	Alloy Steel
Conveyor Parameters	Type of Conveyor provided with Single shaft shredding machine	No conveyor is provided	No conveyor is provided
	Range of Capacity handled by Conveyor in TPD taking 8 hrs duty per day	No conveyor is provided	No conveyor is provided
	Width of Belt for slider bed type / trough conveyor in mm (with tolerance ± 10 mm)	Not Applicable for Screw Type Conveyor or No conveyor is provided	Not Applicable for Screw Type Conveyor or No conveyor is provided
	Diameter of Driving Pulley for slider bed type/ trough conveyor in mm (with tolerance ± 10 mm)	Not Applicable for Screw Type Conveyor or No conveyor is provided	Not Applicable for Screw Type Conveyor or No conveyor is provided
	Diameter of Driven Pulley for slider bed type/trough conveyor in mm (with tolerance ± 5 mm)	Not Applicable for Screw Type Conveyor or No conveyor is provided	Not Applicable for Screw Type Conveyor or No conveyor is provided
	Type of Screw Conveyor	Not Applicable for sorting type Conveyor or No conveyor is provided	Not Applicable for sorting type Conveyor or No conveyor is provided
	Screw dia or pitch screw conveyor in mm with tolerance ± 5 mm	Not Applicable for sorting type/sliding bed type/ Conveyor or No conveyor is provided	Not Applicable for sorting type/sliding bed type/ Conveyor or No conveyor is provided
	Casing of screw conveyor	Not Applicable for sorting type/ sliding bed type/ Conveyor or No conveyor is provided	Not Applicable for sorting type/ sliding bed type/ Conveyor or No conveyor is provided

	Outside Diameter of Screw pipe with Tolerance of +/- 3 mm for screw conveyor	Not Applicable for sorting type Conveyor or No conveyor is provided	Not Applicable for sorting type Conveyor or No conveyor is provided
	Supporting Cutter Blades for screw conveyor	Not Applicable for sorting type / sliding bed type /Conveyor or No conveyor is provided	Not Applicable for sorting type / sliding bed type /Conveyor or No conveyor is provided
	Motor Rating in HP for Conveyor	No conveyor is provided	No conveyor is provided
	Type of Coating on Conveyor	No conveyor is provided	No conveyor is provided
Dimensional Parameters	Size of cutter inserts fitted on rotary shaft in mm x mm x mm (Length x Width x thickness)	40 x 40 x 30	40 x 40 x 30
	Length of rotary shaft in mm (with tolerance ± 10 mm)	650	650
	Diameter of Rotary Shaft in mm (with tolerance ± 10 mm)	100	100
	Inside dimension of shredder chamber in mm x mm (with tolerance ± 10 mm)	450 X 600	450 X 600
	Opening of loading hooper in mm x mm (with tolerance ± 10 mm)	500 x 500	500 x 500
	Overall Dimesnion of shredding machine in Length x width x height (mm x mm x mm)	-	*
	Overall weight of the Machine in Kg	300	*
Additional Parameters	Material of Base Frame	MS	MS
	Machine should be painted with enamel paint of buyer desired shade	Yes	*
	Electriccal safety requirement as per IS 302-1:2008 latest amendment	Yes	*
Certificates	Availability of ISO Certification for single shaft shredding machine	No	No
	ISO certification number with details if no ISO certificate available put NA	-	*
	Availability of CE Certification for single shaft shredding machine	No	*

	CE certification number with details if no CE certificate is available put NA	-	*
Reports	Availability of test report from central govt/NABL/ILAC accredited lab to prove conformity to specification indicated including electrical safety requirements as per IS 302 latest	No	No
	Test report number if no test report available put No	-	*
	Test report date if no test report available put No	-	*
	Name and address of the lab if no test report available put No	-	*
	Copies of Certifications of manufacturer of the machine, Certificates from manufacturers from bought out components and material test certificates to be submitted to Buyer on demand after placement of order	NA	NA

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Patel Rakeshkumar Mavjibhai	364001,CSIR-Central Salt & Marine Chemicals Research Institute Gijubhai Badheka Marg Bhavnagar 364001	1	60

Bid Specific Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- Consortium:** In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.
- Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

4. 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 / Public Listed Company for 2 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.
5. The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST.
Applicable Concessional rate of GST : 5%
Notification No. and date : 45/2017 and 47/2017 dated 14/11/2017
- 6.1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
7. 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.
8. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
9. Purchase preference to Micro and Small Enterprises (MSEs): 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. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 percentage of 100% of total value.
10. Preference to Make In India products (For bids less than 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 50%. 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
11. Preference to Make In India products (for bids greater than 200 Crore) (can also be used in Bids less than 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): 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 50%. 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

This Bid is also governed by the General Terms and Conditions

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.

---Thank You---