

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 13:00:00
Bid Opening Date/Time	2020-07-20 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Maharashtra
Department Name	Urban Development Department
Organisation Name	Directorate Of Municipal Administration
Office Name	Parner Nagarpanchayat Parner Dist Ahmadnagar
Total Quantity	1
Item Category	Municipal solid waste single shaft shredder
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,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
----------	----

ePBG Detail

Required	No
----------	----

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 years as indicated 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 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)	3	*
	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)	Single phase (230 V, 50 Hz), Three phase (440 V. 50 Hz)
	Motor Power for main drive in HP @ 1440 rpm	7.5 HP	*
	Motor power for pusher drive in HP, 1440 RPM	7.5	1, 3, 5, 5.7, 7.5, 10, 15
	Motor class	IE2	IE2, IE3
	Type of control panel	Manual Based	PLC Based, Manual Based

	Independent electrical panel	Yes	*
	Noise level in dB at 1 meter distance while working	60	*
	Capacity of waste bin in litres	100	*
	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, 2, 3, 4, 5
	Number of preventative maintenance visits during warranty (number per annum)	2	2, 3, 4
	Product Instruction Manual,Maintanance Manual and servicing instructions to be supplied	Yes	*
	Tool kit for Repair and maintenance to be supplied	No	Yes, No
	Availability of base frame with accessories	Yes	*
	Over load protection	Yes	*
	Gear box for speed reduction	No	Yes, No
	Availability of Door Open Cut off switch	No	Yes, No
Material Parameters	Material of Housing Enclosure	Mild steel	Mild steel, Stainless Steel
	Material of Cutter blades mounted on rotary shaft	Hardened Alloy Steel	*
	Material of Rotary Shaft	Alloy Steel	Mild Steel, Stainless Steel, Alloy Steel
Conveyor Parameters	Type of Conveyor provided with Single shaft shredding machine	No conveyor is provided	Slider Bed Type or sorting conveyor, Screw Conveyor, Trough conveyor, No conveyor is provided

Range of Capacity handled by Conveyor in TPD taking 8 hrs duty per day	No conveyor is provided	6-10, 11-15, 16-20, 21-40, 61-100, 41-60, 101-150, 151-200, 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	400, 500, 600, 700, 800, 1000, 1200, 1500, 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	*
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	*
Type of Screw Conveyor	Not Applicable for sorting type Conveyor or No conveyor is provided	Spiral Type Screw Conveyor, Horizontal Type Screw Conveyor, Vertical Type Screw Conveyor, 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	210, 220, 230, 240, 250, 300, 350, 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	Fabricated from 3 mm thick mild steel, 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	*
Supporting Cutter Blades for screw conveyor	Not Applicable for sorting type / sliding bed type /Conveyor or No conveyor is provided	12 mm thick SS210 blades with profile cutting edge, Not Applicable for sorting type / sliding bed type /Conveyor or No

			conveyor is provided
	Motor Rating in HP for Conveyor	No conveyor is provided	1, 1.5, 2, 3, 5, 7.5, No conveyor is provided
	Type of Coating on Conveyor	No conveyor is provided	Enamel Paint of Desired Shade, 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 15	40 x 40 x 15, 40 x 40 x 30, 20 x 20 x 20
	Length of rotary shaft in mm (with tolerance ± 10 mm)	350	150, 250, 300, 350, 550, 650, 950, 1100, 1300, 1550
	Diameter of Rotary Shaft in mm (with tolerance ± 10 mm)	100	*
	Inside dimension of shredder chamber in mm x mm (with tolerance ± 10 mm)	300 X500	*
	Opening of loading hooper in mm x mm (with tolerance ± 10 mm)	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	230	*
Additional Parameters	Material of Base Frame	MS	MS, SS, Alloy
	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	Yes, 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	Yes, 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	Yes, 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	Sachin Balkrushna	414302,PARNER	1	30

Rajbhoj	NAGARPANCHAYAT PARNER LAL CHAUK PARNER DIST AHMEDNAGAR	
---------	--	--

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Bid reserved for Make In India products: Procurement under this bid is reserved for purchase from 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 local supplier, should be as per relevant notification / order issued by the nodal ministry as available on the website of Department of Promotion of Industries and Internal Trade (DPIIT). 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 29.5.2019. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. **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.
6. ISO 9001: The bidder must have ISO 9001 certification.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---