

Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 15:00:00
Bid Opening Date/Time	22-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Urban Development And Urban Housing Department Gujarat
Organisation Name	Nagarpalika
Office Name	Dhanera Nagarpalika
Total Quantity	2
Item Category	Automatic Fully Mechanised Organic Waste Machine for Compost (PAC Only)
Bidder Turnover (Last 3 Years)	14 Lakh (s)
OEM Average Turnover (Last 3 Years)	110 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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
Past Performance	50 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	ICICI
EMD Percentage(%)	2.50
EMD Amount	69500

ePBG Detail

Required	No
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(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.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Office Superintendent

Dhanera Nagarpalika, Pandit Din Dayal Upadhyay Bhawan, Ta-Dhanera Dist-banaskantha Pin 385310

(Jitendrakumar Punamchand Mehta)

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.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Automatic Fully Mechanised Organic Waste Machine For Compost (2 pieces) (Under PAC)

Make	greeneraengineering
Model	g500

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic Parameters	Type of Plant	Fully Automatic, Aerobic	*
	Type of Waste	Domestic Food waste + horticulture waste	*
	Type of machine	Fully Automatic (PLC Based)	Fully Automatic (PLC Based)
	Reprocessing Capacity of Machine (Kgs)	500	500
	Process	Continuous (operation 24x7hrs)	*
	Chamber volume (approx Six times to reprocessing capacity of machine) (Itrs)	3250 for 500 kgs reprocessing capacity	3250 for 500 kgs reprocessing capacity
	Material of vessel and shaft	SS – 304 of suitable thickness	*
	Material of body cover	Fibre/MS as per IS2062 grade A with epoxy coating	Fibre/MS as per IS2062 grade A with epoxy coating
	Machine should have no sharp edges, welds/ joints should not be visible outside	Yes	*
	Gear Motor (BEE star rated)	Yes	*
	Gear Motor (BEE star rating)	4	4
	Gear Motor	Planetary Gear (Direct drive)	Planetary Gear (Direct drive)
	Gear Motor of reputed make / BIS/ ISO quality parts should be used	Yes	*
	Heating System	Thermic Oil	Thermic Oil
	Dimension of Machine	2774 X 1432 X 1554mm	*

Power Consumption (KW)	Max 15 for 500 kgs reprocessing capacity	Max 15 for 500 kgs reprocessing capacity
Power requirement	440 V, 3-phase,above 100kg	440 V, 3-phase,above 100kg
Waste Shredder	Shred waste up to 25mm. Output 0.5 mm,	*
Twin Shaft Shredder	Yes	*
Capacity Twin Shaft Shredder (Kg/hr)	350	350
Material of Blade of Twin Shaft Shredder	EN-08	EN-08
Blade Thickness of Twin Shaft Shredder	5	5.0
Material of Hopper of Twin Shaft Shredder	SS-304	*
Sheet thickness of Hoper of Twin Shaft Shredder	2	2.0
Motor of Twin Shaft Shredder	Yes	*
Feeding into Shredder	Manual	Manual
Electric Motor Power Rating for Twin Shaft Shredder confirming to IS:325 latest revision	3	3.0
Stand Alone Control Panel with minimum degree of protection IP - 53 conforming to IS-2147	Yes	*
All control panel parts should be of standard brands quality parts should be used	Yes	*
Material of Canopy of control panel confirming to IS:2062 latest	Powder coated mild steel	Powder coated mild steel
ISI Marked MCB/Relay	Yes	*
Standard ISI Marked Air Blower	Yes	*
Air Blower with damper control	Yes	*
Air flow capacity of Air Blower (Cubic ft)	200	200

Motor of Air Blower	Yes	*
Electric Motor Power Rating for Air Blower confirming to IS:325 latest revision	1	1.0
Motor and Blower have overload and current protection	Yes	*
All control panel parts should be of standard brands Quality parts should be used	Yes	*
Bioculture requirement	Yes	Yes
Type of Bioculture	Aerobic Microbial Culture	*
Odour Control Powder/agent	Yes	*
Output compost Quality as per Fertilizer Control Order Standards	Yes	*
Compost production	Minimum 20 -25 % of input waste quantity	*
Condition and State of output Compost	Enriched and Dry	*
Output Compost - Easy to pack in bags	Yes	*
Compostable material removal	Once in 24 hours for continuous plug system	Once in 24 hours for continuous plug system
Temperature of digester	60 Deg. C +/- 10 Deg. C	*
Safety Features	Emergency switch, overload indication function and Safety Switch Safety feature: Internal mixing blades automatically stop when input door is opened	*
No harmful gases like Ammonia, Sulphur di-oxide, Methane, Carbon di-oxide should be generated	Yes	*
confirm the stipulated guidelines of CPCB & SWM Rules, 2016	Yes	*
Comprehensive Warranty of Plant	5	5.0

	Noise Level of Plant during Operation (dB)	58	58
	Harmful Emission by the Plant	No	*
	Burning and Chemical use	No	*
Certification	Norms and Specifications	As per Solid Waste Management Rules 2016 and conforming to FCO compost Quality Standard	*
	Availability of Test Report from Central Government/NABL for compost quality	Yes	*
	Test Report No	IN112010A	*
	Test Report Date	28/03/2018	*
	Name of the Lab	LMS Certification	*
	Address of the Lab	Lucknow (UP)	*
	Original Test reports to be produced on demand to Buyer	Yes	*

* 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	Jitendrakumar Punamchand Mehta	385310,Pandit Dindayal Upadhyay Bhavan, Nagarpalika Office Dhanera	2	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the

average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
4. 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.
5. ISO 9001: The bidder must have ISO 9001 certification.
6. Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
7. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

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

---Thank You---