

Bid Document

| Bid Details | |
|---|--|
| Bid End Date/Time | 24-07-2020 15:00:00 |
| Bid Opening Date/Time | 24-07-2020 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 | Directorate Of Municipalities |
| Office Name | Kalol 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) | 100 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 | 80 % |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

| | |
|----------|----|
| Required | No |
|----------|----|

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 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 80% 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 | ge500ss |

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 | SS – 202 of suitable thickness | SS – 202 of suitable thickness |
| 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) | 3 | 3 |
| 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) | 250 | 250 |
| Material of Blade of Twin Shaft Shredder | SS-304 | SS-304 |
| Blade Thickness of Twin Shaft Shredder | 5 | 5.0 |
| Material of Hopper of Twin Shaft Shredder | SS-304 | * |
| Sheet thickness of | 2 | 2.0 |

| | | |
|---|----------------------------|--------|
| Hoper of Twin Shaft Shredder | | |
| 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 | SS-302 | SS-302 |
| 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) | 250 | 250 |
| 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 Mircrobial Culture | * |
| Odour Control | Yes | * |

| | | | |
|---------------|---|--|---|
| | Powder/agent | | |
| | 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 | 6.5 | 6.5 |
| | Noise Level of Plant during Operation (dB) | 65 | 65 |
| | 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 | GL/FT/191010007 | * |

| | | |
|---|--------------------|---|
| Test Report Date | 10/10/2019 | * |
| Name of the Lab | Gujarat Laboratory | * |
| Address of the Lab | Ahmedabad | * |
| 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 | Chirag Ashokbhai Patel | 382721,Kalol Nagarpalika | 2 | 30 |

Bid Specific Additional Terms and Conditions

1. 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.
2. Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
3. ISO 9001: The bidder must have ISO 9001 certification.
4. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
5. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
6. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
7. 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.
8. 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
9. 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.
 10. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
 11. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
 12. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
 13. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, 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.
 14. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
 15. 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---