

### Bid Document

Bid Details	
Bid End Date/Time	25-11-2020 10:00:00
Bid Opening Date/Time	25-11-2020 10:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Information Tehnology(iiits)
Office Name	Dharwad
Total Quantity	4
Item Category	Automatic Fully Mechanised Organic Waste Machine for Compost
Bidder Turnover (Last 3 Years)	12 Lakh (s)
OEM Average Turnover (Last 3 Years)	12 Lakh (s)
Experience Criteria	2 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,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	20 %
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	12420

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	12

(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:**

Director  
IIIT Dharwad, 3rd Floor, IT Park, Hubballi -580029  
(The Director)

**Splitting**

Bid splitting not applied.

**MII Purchase Preference**

MII Purchase Preference	Yes
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**MSE Purchase Preference**

MSE Purchase Preference	Yes
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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.
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. 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 .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. 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% (Selected by Buyer) 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 25%(selected by Buyer) percentage of total QUANTITY.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three Financial 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 financial year) to be submitted along with bid in support of quantity supplied in the

relevant Financial 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 ( 4 pieces )

(Minimum 50% Local content required for MII compliance)

### 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	*
	<b>Type of machine</b>	Fully Automatic (PLC Based)	Fully Automatic (PLC Based), Non PLC based
	<b>Reprocessing Capacity of Machine (Kgs)</b>	100	*
	Process	Continuous (operation 24x7hrs)	*
	<b>Chamber volume (approx Six times to reprocessing capacity of machine) (ltrs)</b>	650 for 100 kgs reprocessing capacity	*
	Material of vessel and shaft	SS – 304 of suitable thickness	*
	<b>Material of body cover</b>	SS – 202 of suitable thickness	SS – 202 of suitable thickness, Fibre, 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	*
	<b>Gear Motor (BEE star rating)</b>	3	Above 3
	<b>Gear Motor</b>	Helical Gear	Planetary Gear (Direct drive), Helical Gear
	Gear Motor of reputed make / BIS/ ISO quality parts should be used	Yes	*
	<b>Heating System</b>	Thermic Oil	Blanket type (Thermo-pad, Thermic Oil, Solar type dehydration, ceramic type
	Dimension of Machine	-	*
	<b>Power Consumption (KW)</b>	Max 6 for 100 kgs reprocessing capacity	*
	<b>Power requirement</b>	440 V, 3-phase,above 100kg	single phase upto 100 kgs,

		440 V, 3-phase, above 100kg
Waste Shredder	Shred waste up to 25mm. Output 0.5 mm,	*
Twin Shaft Shredder	Yes	*
<b>Capacity Twin Shaft Shredder (Kg/hr)</b>	0	Any applicable numeric value
<b>Material of Blade of Twin Shaft Shredder</b>	SS-304	SS-304, SS-306, carbon Steel, EN-08
<b>Blade Thickness of Twin Shaft Shredder</b>	5	5
Material of Hopper of Twin Shaft Shredder	SS-304	*
<b>Sheet thickness of Hoper of Twin Shaft Shredder</b>	2	Above 2
Motor of Twin Shaft Shredder	Yes	*
<b>Feeding into Shredder</b>	Manual	Manual, Automatic
<b>Electric Motor Power Rating for Twin Shaft Shredder confirming to IS:325 latest revision</b>	0	Any applicable numeric value
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	*
<b>Material of Canopy of control panel confirming to IS:2062 latest</b>	SS-302	Powder coated mild steel, SS-302
ISI Marked MCB/Relay	Yes	*
Standard ISI Marked Air Blower	Yes	*
Air Blower with damper control	Yes	*
<b>Air flow capacity of Air Blower (Cubic ft)</b>	200	Above 200
Motor of Air Blower	Yes	*
<b>Electric Motor Power Rating for Air Blower confirming to IS:325 latest revision</b>	1	Above 1
Motor and Blower have overload and current protection	Yes	*
All control panel parts should be of standard brands Quality parts should be used	Yes	*

<b>Bioculture requirement</b>	No	Yes, No
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	*
<b>Compostable material removal</b>	Once in 24 hours for continuous plug system	Once in 24 hours for continuous plug system, Once in 5-7 days for batch 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	*
<b>Comprehensive Warranty of Plant</b>	5	Above 5
<b>Noise Level of Plant during Operation (dB)</b>	40	Up to 70
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	-
	Test Report Date	-
	Name of the Lab	-
	Address of the Lab	-
	Original Test reports to be produced on demand	Yes

to Buyer

\* 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.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Ravi B Vitlapur	580029,IIIT Dharwad 3rd Floor, IT Park Hubballi-580029	4	15

#### Bid Specific Additional Terms and Conditions

- 1.After award of contract – Successful Bidder shall have to get advance sample approved from buyer before bulk manufacturing / starting bulk supplies. Successful Bidder shall submit 0 samples for Buyer's approval, within 5 days of award of contract. Buyer shall, as per contract specifications framework, either approve the advance sample or will provide complete list of modification required in the sample within 5 days of receipt of advance sample. Seller shall be required to ensure supply as per approved sample with modifications as communicated by Buyer. If there is delay from buyer side in approval of advance sample – the delivery period shall be refixed without LD for the period of delay in sample approval. In case, the sample is found to have major deviations / not conforming to the Contract specifications, the buyer at its discretion may call for fresh samples for approval before allowing bulk supplies or may terminate the contract after notifying the deviations to the seller. Unless otherwise provided in the contract, all samples required for test shall be supplied by the contractor free of cost. Where under the contract, the contractor is required to submit an advance sample, any expenses incurred by the contractor on or in connection with the production of stores in bulk, before the sample has been approved unconditionally shall be borne by the Seller and he shall not claim any compensation in the event of such sample being found unacceptable by the Buyer / Consignee.
- 2.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 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.
- 3.Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name IIIT Dharwad Account No. 37160679153 IFSC Code SBIN0040352 Bank Name State Bank of India Branch address SBI (Anjuman Complex, HDMC Circle, Dharwad). Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
- 4.ISO 9001: The bidder must have ISO 9001 certification.
- 5.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.
- 6.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.
- 7.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.
- 8.Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
- 9.Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for

Service Support.

10. Warranty period of the supplied products shall be 1 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
11. 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.
12. 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](#)

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---**