

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 17:00:00
Bid Opening Date/Time	20-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Integrated Defence Staff (hq Ids)
Office Name	*****
Total Quantity	1
Item Category	Automatic Fully Mechanised Organic Waste Machine for Compost
Bidder Turnover (Last 3 Years)	4 Lakh (s)
OEM Average Turnover (Last 3 Years)	4 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Turnover	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,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	10 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	3600

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	62

(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:

COMMANDANT

DIPAC, Department of Defence, Integrated Defence Staff (HQ IDS), Ministry of Defence
(Commandant, Dipac)

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 10% 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 (1 pieces)**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)	100	100
	Process	Continuous (operation 24x7hrs)	*
	Chamber volume (approx Six times to reprocessing capacity of machine) (Itrs)	650 for 100 kgs reprocessing capacity	650 for 100 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)	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	ceramic type	ceramic type
	Dimension of Machine	-	*
	Power Consumption (KW)	Max 6 for 100 kgs reprocessing capacity	Max 6 for 100 kgs reprocessing capacity
	Power requirement	single phase upto 100 kgs	single phase upto 100 kgs
	Waste Shredder	Shred waste up to 25mm. Output 0.5 mm,	*

Twin Shaft Shredder	Yes	*
Capacity Twin Shaft Shredder (Kg/hr)	50	50
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 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	2	2.0
Stand Alone Control Panel with minimum degree of protection IP - 53 conforming to IS-2147	No	*
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)	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	Yes	*

protection		
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 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)	60	60
Harmful Emission by the Plant	No	*
Burning and Chemical	No	*

	use		
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 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	*****	*****NEW DELHI	1	60

Bid Specific Additional Terms and Conditions

1. 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.

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

---Thank You---