

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 19:00:00
Bid Opening Date/Time	25-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Uttar Pradesh
Department Name	Urban Development Department Uttar Pradesh
Organisation Name	E-municipalities - Eservices To Citizens And Employees Of Urban Local Bodies Of Uttar Pradesh
Office Name	Nagar Panchayat Malihabad
Total Quantity	1
Item Category	Sanitary Napkins Incinerator Machine with Smoke Control Unit
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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
Estimated Bid Value	48200

EMD Detail

Required	No
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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. 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.

Sanitary Napkins Incinerator Machine With Smoke Control Unit (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL	Type	Wall Mountable	*
	Purpose	Burn used Sanitary Napkins to sterile ash and stop automatically	*
	Color	Elephant grey	*
	Operation Mode	Electronically operated, fully Automatic	*
	Loading Type	Front loading	*
	Stand provided	Yes	Yes, No
	Number of chambers	Two	*
	Trap Door available	Yes	*
	All MS parts Powder coated	Yes	*
	Spare parts should be available for Minimum 5 years from date of supply	Yes	*
	All electrical parts are	Yes	*

	ISI Marked		
DIMENSIONS OF MAIN UNIT	Thickness of thermal Insulation material (mm)	40	25, 40
	Thickness of MS/SS sheet of housing cabinet (external) (mm)	1.2	*
	Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)	5	3, 5, 1 Or higher
	Machine Width(mm)	701-900	*
	Machine Depth (mm)	701-900	*
	Machine Hight(mm)	901-1200	*
	Machine Weight(kg)	5-15	5-15, 16-30, 31-50, 51-250
	Door width(mm)	151-200	*
	Door height(mm)	151-200	*
	Thickness of door including insulation (mm)	60	20, 25, 40, 50, 60
	Internal/burning chamber shape	Vertical cylindrical	*
	Flexible emission Outlet pipe dia (mm)	76	25, 40, 50, 63, 76
	Detachable ash tray length (mm)	301-400	*
	Detachable ash tray width (mm)	151-200	*
	Detachable ash tray height (mm)	31-50	*
	Stand Height (mm)	660	*
	Stand Width (mm)	801-1000	*
	Stand Depth (mm)	501-800	*
MATERIAL OF MACHINE UNIT	Material of Housing cabinet (External)	Mild Steel(CRCA) sheet	Mild Steel(CRCA) sheet, Stainless Steel sheet of SS-304 grade
	Material of Burning chamber (Internal)	Mild Steel(CRCA) sheet	Mild Steel(CRCA) sheet, Stainless Steel sheet of SS-304 grade
	Finish of MS parts of cabinet	Epoxy anti rust proof painting for superior finish	*
	Material of Thermal Insulation	High Density Ceramic Board	High Density Ceramic Fiber sheet, High

			Density Ceramic Board
CONSTRUCTIONAL FEATURES	Thermal insulation of burning chamber housed in outer chamber	Yes	*
	Burning Chamber tray provided	Yes	*
	Emission Outlet pipe location	Top of machine	*
	Means of connecting the unit outlet with flue gas emission pipe	Clamped	*
	Type of door lock provided	Magnetic lock	*
CONTROL & FUNCTIONAL FEATURES	Temperature indicator provided	Yes	Yes, No
	Timer provided	Yes	*
	Auto cut-off temperature display	Yes	*
	Digital display to see actual and set temperature	Yes	*
	Minimum Burning temperature (degree C)	800	800, 950
	Burning Capacity per day (Number of Napkins)	15-50	15-50, 51-100, 100-200, 200-500, 500-700, 700-1000, 1000-1250
	Burning Capacity at a time (Number of Napkins)	1-15	1-15, 16-25, 26-50
	Residue Ash per Napkin (gms)	1.5	*
	Burning time of full capacity Napkins/pads (minutes) (Max)	10	*
	Skin temperature of the unit under operation (deg C)	16-20	*
ELECTRICAL AND SAFETY FEATURES	Installation, training, demonstration and plumbing included	Yes	*
	Automatic digital controller for time	Yes	Yes, No
	Automatic digital controller for	Yes	Yes, No

	temperature		
	Equipment ON/OFF indicator provided	Yes	*
	Power supply	230v +/-10%, 50Hz, Single phase, AC supply	*
	Electrical Power Consumption(Watt)	500-1000	*
	Minimum length of power chord to be supplied along with machine (mtr)	2	*
	Type of Heater	Ceramic heater containing coil	*
	Power saver (auto power cut-off)	Yes	*
	Safety MCB provided (16A to 30A)	Yes	*
	Protection against electric shock when checked as per IS:302-1/2008	Yes	*
	Minimum Insulation Resistance (IR) at 500 VDC (Mega Ohm)	2	*
	Maximum Electrical Insulation and Leakage current as per IS:302-1/2008, (mA)	0.21	*
	Maximum Earthing continuity test when tested as per IS:302-1/2008 (Ohm)	0.1	*
	HV test at 1000 V rms for 1 Sec when tested as per IS:302-1/2008	No breakdown shall occur during the test	*
SMOKE CONTROL UNIT (SCU)	Type of SCU (Smoke Control Unit)	Top mounted	Top mounted, Side Mounted, Separate unit, Not Required
	Material of housing of Smoke Control Unit (SCU)	Mild Steel(CRCA) cabinet	Mild Steel(CRCA) cabinet, Stainless Steel of SS-304 grade, NA
	Finish of MS parts of SCU cabinet	Epoxy anti rust proof painting for superior finish	*
	Overall height of SCU (mm)	325	*
	Overall width of SCU	801-1000	*

	(mm)		
	Overall depth of SCU (mm)	501-800	*
	Number of chambers for filtration of smoke emission	Two	*
	Both carbon Control and Foul odour Control Chambers for filtration of smoke emission	Yes	Yes, Not Required
	Number of filters in Carbon control chamber	Two	One, Two, Three, Not Required
	Type of filters in Carbon control chamber	Teflon filter & Activated Carbon filter	Teflon filter, Activated Carbon filter, Steel mesh filter, Teflon filter & Activated Carbon filter, Teflon filter, Activated Carbon filter & Steel mesh filter, Ceramic blanket as a filter, Not Required
	Number of filters in Odour control chamber	Three	One, Two, Three, Not Required
	Type of filters in Odour control chamber	Activated Carbon filter	*
	Blower type	"Centrifugal, direct driven"	*
	Blower RPM	2700	1800, 2700, 0
	Power supply of SCU	230v +/-10%, 50Hz, Single phase, AC supply	*
	Minimum length of flexible emission outlet pipe to be supplied along with machine (mtr)	3	*
	Cost of additional flexible emission outlet pipe, if required on actuals to be paid by the user	Yes	*
EMISSION STANDARD FOR SMOKE	Conformity to CPCB, Min of Environment & Forests standard, Solid Waste Management Rules (SWM), 2016	Yes	*
	Particulates (Half	50	*

hourly average) (mg/Nm3) (Max)		
HCl (Half hourly average) (mg/Nm3) (Max)	50	*
SO2 (Half hourly average) (mg/Nm3) (max)	200	*
CO (Half hourly average) (mg/Nm3) (Max)	100	*
CO (Daily average) (mg/Nm3) (Max)	50	*
Total Organic Carbon (Half hourly average) (mg/Nm3) (Max)	20	*
HF (Half hourly average) (mg/Nm3) (Max)	4	*
"Nox (NO and NO2 expressed as NO2) (Half hourly average) (mg/Nm3) (Max)"	400	*
Total dioxins and furans (6 to 8 hours sampling basis, Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence) (ng TEQ/Nm3) (Max)	0.1	*
Cd + Th + their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05	*
Hg and its compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05	*
Sb+As+Pb+Cr+Co+Cu +Mn+Ni+V+their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.5	*
Loss on ignition (max)	5	*

	(% dry weight of the material)		
PACKING	Packing	Carton Box	*
MARKING AND INSTRUCTIONS	The appliance is marked as per IS:302-1/2008	Yes	*
CERTIFICATION	Submission of Test Report from Central Govt/CSIR Lab/NABL/ILAC accredited Lab specifically containing Electrical & Electronic parameters, Thermal insulation material of burning chamber in addition to declared specification parameter at time of supply	Yes	*
	Submission Test Report for equipment for compliance of Flue gas emission and ash upon combustion of Sanitary Napkins/Pads to Central Pollution Control Board (CPCB) norms from NABL accredited lab/CSIR Lab at the time of supply	Yes	*
	Certification Available	EU-CE	EU-CE, BIS, US-FDA, Other, CSIR-NEERI
	Certificate for Manufacturing premises available	ISO	*
	Compliance certificate is to be furnished after conducting comprehensive performance test by the supplier	Yes	*
	Submission of all the certifications to the buyer along with supplies	Yes	*
PERFORMANCE REQUIREMENTS	Warranty (Yrs)	1	1, 2, 3, 4, 5 Or higher

* 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	Shivkumar	227111, Nagar Panchayat Maliabad Distt. Lucknow	1	30

Bid Specific Additional Terms and Conditions

1. 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.
2. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. 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.
5. 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
6. ISO 9001: The bidder must have ISO 9001 certification.

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

---Thank You---