



Technical Specification for Indent no-C81690009

Combustion chamber

Material	Preferably from corrosion free steel plates
Thermal Insulation	Preferably firebrick or ceramic clay.
Dimension	As per bidder design. Main combustion chamber should not be more than 1.3x1.3x1.3 cum in size.
Erection	As per bidder design. The material should be of high quality seamless carbon steel pipe.
Volume	Not less than 1.5 cubic metre/ 53 CFT
Capacity per day	Not less than 1500 kg/day (on 10 hr operation)
Capacity per hour	Not less than 150 kg/hr
Fuel Consumption	NIL
Dry : Wet ratio	1 : 1 (50 % Dry and 50 % Wet garbage)

Chimney

Material	Preferably from Seamless Carbon Steel pipe
Dimension	As per Bidder design
Effective Height	At least 15.0 mtrs from ground level
Emission Control Devices	Wet scrubbing system and Diffuser Secondary burning with the help of additional air inlet tubes
Water consumption	Not more than 60 ltrs / day



Item Annexure for Enquiry no 2790608E/02.08.2019

Sl no	Material Code	Item Description	Quantity (No)	Quoted/ Not Quoted
1	IMSA81610000	Supply of Solid Waste Disposal Machine-1500 Kgs as per Technical Specification	1	
2	IMSA81611000	Supply of Feed Conveyor System-250 to 300 Kg/Hr as per Technical Specification	1	
3	-----	Erection & Commissioning of sl no 01 and 02 as per E&C detailed scope	1	

Special Note:-- Sl no 01 to 03 will be procured as a set. Summation cost of all above sl nos. will be deciding factor for L1 (sl no. 01 to sl no. 03).

Signature and Office Seal of Vendor



Price Bid Format for Enquiry no 2790608E/02.08.2019

Sl no	Material Code	Item Description	Quantity (No)	<u>Unit Price in INR</u>
1	IMSA81610000	Supply of Solid Waste Disposal Machine- 1500 Kgs as per Technical Specification	1	
2	IMSA81611000	Supply of Feed Conveyor System- 250 to 300 Kg/Hr as per Technical Specification	1	
3	-----	Erection & Commissioning of sl no 01 and 02 as per E&C detailed scope	1	
4	GST on sl no. 01 & 02 (Supply) in percentage			
5	GST on sl no. 03 (E&C) in percentage			

Special Note:-- Sl no 01 to 03 will be procured as a set. Summation cost of all above sl nos. will be deciding factor for L1 (sl no. 01 to sl no. 03).

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Detailed Erection & Commissioning Scope for Solid Waste Disposal Machine

- **Erection, Commissioning and Receiving Consent Order from TNPCB is in Contractor's scope.**
- The contractor's responsibility includes all the necessary items, which are not specifically covered under these specifications but are essential for completion and satisfactory performance of the system as a whole.
- The contractor shall carry out the work in accordance with the prevailing statutory regulations and necessary safety rules for prevention of accidents.
- The contractor shall bring his own tools and tackles and other equipment and materials as deemed necessary for the specified job along with proper skilled and unskilled labour at the time of erection and commissioning. The contractor shall also depute technical representatives to supervise the erection and commissioning of equipment.
- Any damages caused to the plant and equipment by the contractor employee (s) shall be replaced by the contractor at his own cost.
- Any Civil related works will be done by BHEL.
- Responsibility for satisfactory commissioning rests with the contractor.

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Pre-Qualification Criteria for Enquiry no 2790608E/02.08.2019

Sl.No	CRITERIA	VENDOR ACCEPTANCE / REMARKS
1	Bidder should have experience of supplying above mentioned similar type of unit at least 01 number to any of the Govt of India/Public Sector Unit / Reputed major private Concern in the last three years	
2	Previous Purchase order copy MUST NOT HAVE PRICE i.e price must be hidden.	

NOTE:

1. After satisfactory fulfilment of all the above criteria / requirement, the offer shall be considered for further evaluation as per NIT and all other terms of the tender.

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