



Notice Inviting e-Tender

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SUPPLY OF CRITICAL CARE UNIT (CCU) AND HIGH DEPENDENCY UNIT (HDU) EQUIPMENTS
IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 175/2018

Dated-30.08.2018

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Hand operated Thermal Fogger Machine

1. Provision of an AUTOMATIC CUT-OFF valve to prevent further flow of pesticide to the Nozzle if the engine stops, in addition to a manually operated ON/OFF valve, shall be declared and should be mandatory. If the automatic CUT-OFF valve fails to function, MANUALLY OPERATED ON/OFF valve should work.
2. There shall be no sharp edges or projections that might injure operators during normal operation.
3. The weight of a hand-carried unit, ready for operation, filled with fuel and pesticide formulation, shall not exceed 16 kg.

4. A simple manually operated pump or equivalent shall be provided to pressurize the fuel containers when starting the machine. The capacity of the pump shall provide a pressure of 30 kPa to 50 kPa and 8 kPa to 10 kPa [kilopascal, a unit of pressure] respectively for the two containers. The position of the pump shall allow easy access to an electrical switch to connect a battery power supply via a spark plug fitted in the combustion chambers.
5. The Pulse-Jet Engine shall consist of a combustion chamber with an output of not less than 9.3 kW (8000 kcal hour)
6. The pesticide tank shall have a capacity of not less than 5 litres. The tank opening shall be provided with an airtight lid which is easily fitted. An outlet shall be provided to facilitate drainage. If the tank is easily detachable, a separate outlet shall not be necessary. The tank shall be constructed of materials resistant to chemicals and be able to withstand a pressure equal to twice the recommended operating pressure without any leakage.
7. Metering System: The thermal fogger shall be provided with a series of jets of different internal nozzle diameter to control the flow of insecticidal liquid in the range 10 l/h to 35 l/h.
8. The fuel tank should have a capacity of 2-2.5 ltrs.
9. The machine should follow IS-14855 (Part I): 2000 specifications having ISI mark.