

Rate Contract for Incinerator Operation and Dust collection:-

Location of Work – CMSE/VSSC VATTIYOORKAVU TRIVANDRUM

Quantum of Work(For 2 years) -

Incineration of Solid Waste in CMSE : 300 Ton

Collection of machining dust in CMSE : 50 Ton

Details of workforce:-

Minimum Requirement:- 5 Nos.

Academic Qualification:–Technicians (ITI in any Mechanical/Electrical Trade) - 2 Nos.

Helpers (Min 10th standard) -3 Nos.

Incinerator Model – Thermax, PY- 400 Series

Avg. Capacity: - 125 Kg/hour

Type of waste: - Solid

Scope of work of Incinerator Operation and Dust collection.

- Incineration operation of solid wastes shall be carried out as per the procedure available in Division.
- Periodical cleaning of the primary and secondary chambers, inside and outside of the incinerator and the chimney. The inside and outside area of the incinerator building shall be kept clean and tidy always without any waste accumulation or water logging.
- Collection of machining dust from all dust collectors (Total 5 Nos. of fixed dust collectors and 58 Nos. of portable dust collectors in CMSE) on regular interval or on requirement basis in sealed bags without polluting the environment.
- Periodical cleaning of vacuum ducts, dust chamber, valves etc. of every dust collection system to avoid blockage and to improve the suction pressure.
- Repair of filter bags by stitching and periodical replacement of the bags as instructed by the contact person
- Any other works related to waste incineration and dust collection shall be done as per the instruction of the departmental staff.

Terms and conditions

- All wastes brought for incineration shall be burnt on the same day. No accumulation of waste is allowed.
- The party shall quote the incineration rate per ton basis.
- The weight of ash and dust shall be entered in a register.
- The payment will be made for the actual waste burnt and dust collected.
- Waste will be positioned by the users near the incinerator facility maximum within a radius of 100 meters from the incinerator. The waste shall be collected in required lot size, from this area, in suitable containers for incineration.
- Regular working hours will be from 8:45 to 17:15 hrs. Sometimes it may be extended beyond the office hours & holidays as per requirement.
- The waste shall be weighed and entered date wise in a register before loading to the incinerator.
- The ash shall be collected from incinerator every morning and packed in sealed covers.
- The sealed bags shall be shifted to the storage shed after taking the weight and stacked properly inside the shed.
- The waste stored in the storage area need to be segregated and stored properly from safety and health point of view.
- Service Provider has to provide the uniform and essential PPE's (Dust Masks, Leather Gloves, Rubber Gloves, Safety Shoes, Goggles, Head covering cap, Etc) to their staffs.
- In the event of injury to our/your personnel due to the negligence of your workers, the responsibility shall be solemnly rest with the contractor/ service provider. The department will not be responsible for loss of life/injury of the contractor's personnel caused at our site.
- Service provider shall own full responsibility for any damage of VSSC property due to any negligence or violation of safety norms.
- Service Provider has to take care of routine maintenance of incinerator (Clean the burner nozzle, Clean oil filter, Lubricate all the bearings and joints, inspect and apply grease on regular basis on the wire ropes of feed bucket).
- **Service provider should mandatorily provide police clearance certificate of all work force proposed to be engaged.**