SPECIFICATIONS FOR VOC CONTROL SYSTEM

Enquiry number: CESE/MoEF/MS/2013-14/2

Quotations are invited for supplying a system for housing a VOC (Volatile Organic Compound) Control System. The VOC control technology is based on TiO2 coated nano particle inside a glass reactors working on Photo ionization principal. System must have following features

1. Portable and easy to carry
2. Fitted with flame proof pump (to be supplied by IIT Kanpur) suction capacity 60 lpm and vacuum max 550 mmHg
3. Long body flow meter with 0-30 Lpm with resolution of 0.2LPM with control valve MOC non corrosive body and non reactive float
4. Provision for fitting of five glass reactor of dia 4'' coated with non particle (reactor shall be supplied by IIT Kanpur)
5. Teflon Tubing for inter connection (of reactor front and back) 1 set
6. Teflon Tubing 3m long ½'' dia with fitting 2set
7. Lockable Cabinet Aluminum to mount pump and reactor
8. Provision for 6 power connection with switch for UV lamps and pump. Circuit protection and glow sign for on and off of the reactor
9. Provision for monitoring ports at inlet and out let of reactors. Entire system should be painted and dispatched to monitoring site after inspection from IIT Kanpur scientist/engineer.

The quotation should reach the following person no later than September 27, 2013.

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