

IITDh/IPS/2025-26/LPC/115
04th August 2025

Invitation for Quotation

Name of the Work: Civil and Electrical Work for Incinerators

Location: Hostel 1 Permanent Campus IIT Dharwad

With reference to the aforementioned work, quotations are hereby invited for the said work. Interested vendors with experience in said works can submit their quotes (*as per Annexure-I*) on their official letterhead, duly attested, **in a sealed envelope via post / courier** to the following address:

To,
IPS Office (NE-113),
First Floor Admin Block,
Indian Institute of Technology Dharwad,
Permanent Campus, Chikmalligwad.
Dharwad-580011.

Deadline for submission: 11th August 2025 up to 1300 hours

NOTE:

- Any quotes received after 1300 hours on 11/08/2025 will not be accepted.
- Name of the Work / LPC number and Firm name should be mandatorily written on the sealed cover.

Sd/-
Executive Engineer
Indian Institute of Technology Dharwad

Sub Head A: Bill of Quantities for Exhaust system for Incinerators

Sl. No.	Description	Unit	Qty.	Rate in ₹	Amount in ₹
1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	Kg	1450.00		
2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	kg	1450.00		
3	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc	Sqm	120.00		

	wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer in - charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.				
4	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 50 mm nominal bore Horizontal	Nos	18.00		
5	Core cutting	Nos	18.00		
TOTAL of Sub Head A					

Sub Head B: Electrical work for the Incinerator					
Sl.No	Description	Unit	Quantity Required	Rate in ₹	Amount in ₹
1	Supply and installation of a single inlet and single outlet external motor blower, 415V 3-Phase 50Hz, 1hp 702CFM.	Each	2		
2	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	2		
3	Wiring for circuit / submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				

3.1	4 X 4 sq.mm + 2X 4 sq.mm earth wire	Meter	100		
3.2	4 X 6 sq.mm + 2X 6 sq.mm earth wire	Meter	10		
4	Supplying and fixing following way, horizontal type three pole and neutral sheet steel MCB distribution board, 415, on surface/ recess complete with tinned copper bus bar neutral bus bar earth bar din bar interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)				
4.1	4 way (4 + 12), Double door	Each	1		
5	Supplying and fixing 5A to 32A rating, 240/415V 10kA C curve miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc as required.				
5.1	Triple pole & Neutral	Each	3		
6	Supply, installing, testing and commissioning COMMON control panel consisting of the following INCOMING: 1 No set of Phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter, 1 No Analog Voltmeter 1ni with Phase selector switch, Isolating switch OUTGOING for Main Electrical Pump: 1 No. MCB 1 No. DOL of S/D Starter suitable for respective HP 1 No. Electrical Protection Like single Phase preventor, under voltage over Volage, under current over current & dry run protection suitable for the pump described above 1 no Outdoor type NOTE: 1) DOL- Direct Online Starter 2) S-D- Star Delta Starter etc. complete.				

	3) Manual and auto mode operation is required with selector switch.				
6.1	Upto 3HP pumps (Outdoor Type)	Each	2		
7	Supply and laying 25mm X 5 mm GI strip at 0.5metre below ground as strip earth electrode, including connection / termination with nut, bolt, springs, washers etc. as required. (Jointing shall be done by overlapping and with 2 sets of GI nut bolt and spring washers spaced at 50mm)	m	30		
8	Supply and fixing of PG glands for the cables.				
8.1	42mm Size	Each	4		
9	SITC of cable lugs for the terminations.				
9.1	for 4sqmm cable	Each	24		
9.2	for 6sqmm cable	Each	12		
TOTAL of Sub head B:					

TOTAL of Sub Head A+B	
GST	
GRAND TOTAL	

(Contractors Sign and Seal)