

SCHEDULE

Name of the work: "Supply, Fitting & fixing of aluminium partition, sliding door in WET lab, a part of Surface Engineering & Tribology Group at CMERI, Durgapur 09"

Item No.	Description	Unit	Qty.	Estimated	
				Rate (Rs.)	Amount (Rs.)
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	85.00		
2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	50.00		
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	Sqm	15.00		
4	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	Each	2.00		
5	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	Each	6.00		
6	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	Sqm	9.00		

Debit
15/11/19

7	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	2.00		
8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	Metre	7.00		
9	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	Each	3.00		
10	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. Single rubber stopper	Each	3.00		
Total					
(Rupees in words				Say Rs.	

Signature
15/11/19

**CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
M.G. AVENUE, DURGAPUR- 713209, INDIA**

Scope of work & other details

15.11.2019

NAME OF THE WORK: "Supply, Fitting & fixing of aluminium partition, sliding door in WET lab, a part of Surface Engineering & Tribology Group at CMERI, Durgapur 09".

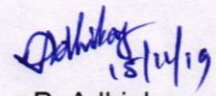
A. SCOPE OF WORK: The scope of work includes the following:

Civil:

- I. Powder coated aluminium partition.
- II. Partition with particle board & float glass panes.
- III. Fabrication & Installation of Aluminium sliding door & swing door.

- a. **Rates:** The rates has been arrived based on DSR-18.
- b. **Specifications:** CPWD Specification of items of the work for the execution of the said work shall be followed.
- c. **Works Manual:** The said proposal has been prepared based on **CPWD Works Manual 2014**.
- d. **Method:** The method proposed for carrying out the project is Item Rate Contract.
- e. **Time:** The estimated time of completion from the date of receipt of work order shall be 15(Fifteen) days.

Submitted by



P. Adhiakry
(AE, Civil)

Head (Civil)

Head ESD