

**PONDICHERRY UNIVERSITY**  
**ENGINEERING WING**

**SCHEDULE OF WORK**

**Name of work:** Construction of concrete pedestal for erection of HR-Tem instrument @ Science Block-II

<b>Sl. No</b>	<b>Description</b>	<b>Qty</b>	<b>Rate Rs.P.</b>	<b>Unit</b>	<b>Amount Rs.P.</b>
1 15.12.1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 m lead - Of area 3 sq. metres and below.	3.00		Each	
2 15.12.2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 m lead - Of area 3 sq. metres and below.	1.00		Each	
3 15.7.4	Demolishing brick work, manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead - In cement mortar.	1.50		Cum	
4 15.23.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50m lead - For thickness of tiles above 10mm and upto 25mm.	25.00		Sqm	
5 15.2.2	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead - 1:4:8 or leaner mix.	5.00		Cum	
6 2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.	40.00		Cum	
7 2.26.1	Extra for every additional lift of 1.5m or part thereof in - All kinds of soil.	4.00		Cum	

8 4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.- All work upto plinth level - 1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	2.50		Cum	
9 2.27	Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	16.00		Cum	
10 4.1.3	Providing and laying in position cement concrete of specified grade excluding thecost of centering and shuttering.- All work upto plinth level - 1:2:4 (1 cement:2coarsesand : 4 graded stone aggregate 20mm nominal size)	25.50		Cum	
11 5.9.2	Centring and shuttering including strutting, propping etc. and removal ofform for: Walls (any thickness) including attached pilasters, buttresses, plinth andstring courses etc.- Using steel sheet withM.S.frames	23.50		Sqm	
12 6.4.2	Brick work with FPS bricks of class designation 35 in superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar 1:6 (1 cement : 6 coarse sand)	18.50		Cum	
13 13.1.2	12mm cement plaster of mix :Cement mortar 1:6 (1 cement : 6 fine sand)	85.00		Sqm	
14 13.3.2	20mm cement plaster of mix cement mortar 1:6 (1 cement : 6 fine sand)	7.50		Sqm	
15 9.1.2P	Providing wood work in frames of doors, windows,clerestory windows and other frames, wrought framed and fixed in position - Padak wood	0.04		Cum	
16 9.21.2	Providing and fixing ISI marked flush door shutters conforming to IS:2202 (Part 1) non- decorative type, core of block board construction with frame of 1 st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. - 30 mm thick including ISI marked stainless steel butt hinges with necessary screws	3.00		Sqm	

17 13.26A	Providing and applying ready mixed wall putty (JK / BIRLA ) of 2mm thickness over plastered surface to prepare the surface even and smooth complete	69.00		Sqm	
18 13.60.1A	Wall painting with plastic emulsion paint Royal of approved brand and manufacture to give an even shade - two or more coats on new work	69.00		Sqm	
19 4.53.1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade - One or more coats on old work.	200.00		Sqm	
20 21.1.1.1	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, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings. (Glazing and panelling to be paid for separately) : For fixed portion. Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)	8.00		Kg	

21 21.1.2.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate sections and other sections of approved make conforming to IS : 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings. (Glazing and panelling to be paid for separately) : For shutters of doors, windows and ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, minimum anodic coating of grade AC15).	19.00		Kg	
22 21.3.1	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc., with PVC / neoprene gasket etc., complete as per the architectural drawings. (cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 4.0mm thickness.	3.00		Sqm	
23 21.2.1	Providing and fixing 9mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 grade 1 type II in panneling fixed in aluminium doors, windows, shutters and partition frames with C.P. brass / stainless steel screws etc., complete as per architectural	3.00		Sqm	

	drawings. Prelaminated particle board with decorative lamination on one side and balancing lamination on other side.				
24 13.50.1	Applying priming coat - with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).	8.00		Sqm	
25 13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade - Two or more coats on new work.	8.00		Sqm	
26 9.100.1	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade as per 10 as per IS:1868) transparent or dyed to required colour or shade with necessary screws etc.complete :- 125mm	6.00		Each	
27 9.84	Providing and fixing IS:3564 make aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc.complete	3.00		Each	
28 9.97.2	Providing and fixing aluminium tower bolts each 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:- 250x10mm	3.00		Each	
29 9.97.4	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:- 150x10mm	3.00		Each	
30 9.96.2	Providing and fixing aluminium sliding door 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 nuts and screws etc.complete:- 250x16mm	1.00		Each	

31 9.101.2	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 - Twin rubber stopper	4.00		Each	
32 8.2.2.2	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement: 4 coarse sand) with joints treated with white ement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete at all levels. - Granite of any colour and shade - - Area of slab over 0.50 sqm	21.50		Sqm	
33 11.53.5	Rubber sheet flooring plain or marble of required colour on a smooth and damp proof base using rubber adhesive of approved quality including pressing the sheets / tiles with a suitable tool to get a smooth surface all complete - 3.2mm thick	3.00		Sqm	
				<b>Total</b>	

I hereby abide the rules and regulations stipulated in the CPWD form no. 6 & 8.

**Contractor**

**Superintending Engineer**