

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

**SCHEDULE OF WORK**

*Name of the work:* Creating open to sky platform for solar thermal laboratory at Center for Green Energy technology

<b>S. No.</b>	<b>Description</b>	<b>Qty.</b>	<b>Rate Rs.P.</b>	<b>Unit</b>	<b>Amount Rs.P.</b>
1. 2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.- All kinds of soil.	15.00		Cum	
2 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:5 coarse sand : 10 graded stone aggregate 40mm nominal size)	39.00		Cum	
3 5.1.3	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement -All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	20.00		Cum	
4 6.1.2	Brick work with FPS bricks of class designation 35 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand)	8.70		cum	
5 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	0.55		Cum	

	mortar 1:6 (1 cement : 6 coarse sand)				
6 2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.	4.72		Cum	
7 2.27B	Supplying and filling with red earth (excluding rock) including cost and conveyance to the work site and stacking to the departmental gauge, spreading in layers not exceeding 20cm in depth, watering and consolidation using 0.5 tonne roller , or wooden or steel rammers etc.complete for making play fields, running tracks and court yards.	70.25		Cum	
8 2.27	Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	38.95		Cum	
9 5.9.6	Centring and shuttering including strutting, propping etc. and removal of form for: columns, pillars, piers, abutments, posts and struts.- Using steel sheet with M.S.frames	18.50		Sqm	
10 10.1	Structural steel work in single section fixed with or without connecting plate including cutting,hoisting, fixing in position and applying coat of approved steel primer all complete.	950.00		Kg	
11 10.27	Supplying and fixing of steel grill work of m.s. angles,flats,squares and pipes including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) including one coat of priming coat etc. complete.	90.00		kg	
12	20mm cement plaster of mix 1:4	75.00		Sqm	

13.3.1	(1cement : 4 fine sand)				
13 13.46. 1	Finishing walls with Acrylic Smooth exterior paint of required shade - New work (Two or more coat applied @ 1.67 ltr / 10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg / 10 sqm)	75.00		Sqm	
14 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.	41.00		Sqm	
15 16.70. 2	Providing and fixing G.I chain link fabri fencing of required width in mesh size 50x50mm including strengthening with 2mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in- charge - Made of G.I wire of dia 4mm,PVC coated to achieve outer dia not less than 5mm in required colour and shade.	170.00		Sqm	
16 2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	450.00		Sqm	
17 11.13. 1	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40mm wide and 4mm thick.	165.00		meter	
	<b>Total</b>				

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

**Contractor**

**Assistant Engineer**