

PONDICHERY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of the work: Construction of RCC security watch tower at Vice Chancellor official Residence.

S. No.	Description	Qty.	Rate Rs.P.	Unit	Amount Rs.P.
1. 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.	19.00		Cum	
2. 2.26.1	Extra for every additional lift of 1.5m or part there of in excavation / banking excavated or stacked materials - all kinds of soil	3.50		Cum	
3. 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	
4. 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.	14.50		Cum	

5. 5.1.2	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 : 1:1.5:3 (1 cement : 1 .5 coarse sand : 3 graded stone aggregate 20mm nominal size)	5.50		Cum	
6. 5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters , buttresses, plinth and string courses , fillets, columns , pillars, piers, abutments, posts and struts etc.upto floor five level excluding cost of centering, shuttering,finishing and reinforcement: 1:1.5:3 (1 cement : 1.5coarse sand : 3 graded stone aggregate 20mm nominal size)	1.50		Cum	
7. 5.3.1	Reinforced cement concrete work in beams , suspended floors, roofs having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering,finishing and reinforcement with 1:1.5:3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).	6.00		Cum	
8. 5.9.1	Centring and shuttering including strutting, propping etc.and removal of form for :Foundations , footings, bases of columns ,etc. for mass concrete.- Using steel sheet with M.S.frames	61.00		Sqm	
9. 5.9.3	Centring and shuttering including strutting, propping etc. and removal of form for : suspended floors, roofs, landings , balconies and access platform	25.00		Sqm	

	- Using steel sheet with M.S.frames				
10. 5.9.5	Centring and shuttering including strutting, propping etc. and removal of form for: lintels, beams, plinth beams, girders, bressumers and cantilevers.- Using steel sheet with M.S.frames	26.00		Sqm	
11. 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	26.00		Sqm	
12. 5.22.6	Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete - Thermo - Mechanically treated bars (TISCON / VIZAG / IISCO /SAIL / JSW) including placing the M30 grade Athees make cover block @ 60cm centre to centre	1500		Kg	
13. 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)	0.50		Cum	
14. 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)	0.50		Cum	
15. 6.13.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor V level - cement mortar 1:4 (1 cement : 4 coarse sand)	13.00		Sqm	
16.	Extra for providing and placing in position 2 nos 6mm dia M.S.bars at	13.00		Sqm	

6.15	every third course of half brick masonry				
17. 13.3.2	20mm cement plaster of mix cement mortar 1:6 (1 cement : 6 fine sand)	87.00		Sqm	
18. 13.1.1	12mm cement plaster of mix -1:4 (1 cement : 4 fine sand)	25.00		Sqm	
19. 13.60.1B	Wall painting with plastic emulsion paint Premium of approved brand and manufacture to give an even shade - two or more coats on new work	120.00		Sqm	
	Total				

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

Contractor

EXECUTIVE ENGINEER