

PONDICHERY UNIVERSITY
ENGINEERING WING

SCHEDULE OF WORK

Name of work: Construction of shed with platform for washing the vessels, utensils in the back side of the Amudham Mega Mess Extension

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.	8		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:5coarse sand : 10 graded stone aggregate 40mm nominal size)	5		Cum	
3	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. (The earth to be taken from the University campus)	9		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)	6		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 mortar 1:6 (1 cement : 6 coarse sand)	9		Cum	

6 5.18.2	Providing precast cement concrete jali 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia mild steel wire including centring and shuttering , roughening cleaning , fixing and finishing in cement mortar 1:3 (1 cement : 3 fine sand) etc. complete excluding plastering of the jambs, sills and soffits - 40mm thick	10		Sqm	
7 5.3	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 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	1		Cum	
8 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	12		Sqm	
9 5.22.7	Reinforcement for R.C.C work including straightening , cutting , bending , placing in position and binding all complete Thermo - Mechanically treated bars(ISI BRAND OF APPROVED MAKE) including placing the M30 grade Athees make cover block @ 60cm centre to centre	140		Kg	
10 10.16. 1	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer welded and bolted including special shaped washers etc. complete. Hot finished welded type tubes	230		Kg	
11 6.12.2	Half brick masonry with FPS bricks of class designation 35 in foundation and plinth in cement mortar 1:4 (1 cement: 4 coarse sand)	14		Sqm	
12 10.27	Supplying and fixing of steel grill work of m.s. angles,flats,squares and pipes	240		Kg	

	including cost of welding charges, fixing in position in masonry walls with cement concrete 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 12.5mm nominal size) including one coat of priming coat etc. complete.				
13 13.2.2	15mm cement plaster on the rough side of single or half brick wall of mix: cement mortar 1:6 (1 cement : 6 fine sand)	103		Sqm	
14 11.26. 1	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand). 25mm thick.	22		Sqm	
15 11.36 D	Providing and fixing commercial quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make (Johnson / Asian / Somany / Nitco) in all colours, shades of size 200 x 300 mm as approved in skirting, risers of steps and dados over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm. Including pointing in white cement mixed with pigment of matching shade complete. - size 200x300mm	22		Sqm	
16 11.39	Providing and laying rectified glazed ceramic floor tiles 300x300mm or more(thickness to be specified by the manufacturer) of first quality conforming to IS: 15622 of approved make (Somany / Nitco / Johnson)in colors white, ivory, grey, fume red brown laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.	5		Sqm	
17 12.70	Providing and fixing colour coated galvalume sheet of 550 M.P.A yield of AZ 150 strength formed as per patterned	38		Sqm	

	steel rib profile with the depth of 31mm pitch of 250mm and overall width of 1060mm and thickness 0.5mm with required J or C hook bolts and nuts 8mm dia G.S paint and working etc., complete excluding the cost of purlin , rafter and truss etc.,				
18 13.47. 1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade - New work (Two or more coats applied @ 1.43 ltr / 10 sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 sqm).	87		Sqm	
19 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.	18		Sqm	
20	Providing laying of pvc pipe complete with pvc fittings including trenching and refilling etc., for external work of 160mm dia Finolex (6kg/sqm) nominal bore. The rate includes cost of material and labour charges etc.,	30		M	
21	Providing and fixing brass bib cock of approved quality long body – 15mm nominal bore (Guru brand)	4		Each	
22	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	6		Sqm	
	Total				

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

Contractor

Superintending Engineer