

## Schedule of Quantity.

C/ O Common Service Centre at Mashobra District Shimla.		AREA			24 sqm
1		CLEAR HEIGHT			3m
QUOTATION					
SR. NO.	ITEMS	QUANTITY	UNIT	RATE	AMOUNT
1	Excavation in foundations, trenches etc., in earth work, lift upto 1.50 Metres stacking the excavated soil not more than 3 metres clear from the edge of the excavation and then returning the stacked soil in 15cm. layers, when required in to plinths sides of foundations etc., consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in a lead of 20 metres.	8.442	cum		
2	Filling in plinth with sand under floors including watering, ramming, consolidating and dressing complete.	5.48	sqm		
3	Providing and laying cement concrete 1:4:8 (1 cement : 4 sand : 8 Graded stone aggregate 25mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc	10.536	cum		
4	Providing form work with steel plates so as to give rough finish including centering shuttering strutting etc.. Height of propping and centering below supporting floor to ceiling 4 mtrs. And removal of the same for insitu reinforced concrete and plain concrete work in footings, walls up to plinth etc.	29.22	Sqm.		
	Beams cantilevers, girders etc.	8.28	Sqm.		
	In columns, pillars posts etc.	2.88	Sqm.		
5	Providing and laying cement concrete 1:1.5:3 (1cement :1.5 sand :3 graded stone aggregate 20mm. nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in				
	Columns footings	2.0508	cum		
	Beams	0.216	cum		
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	226.68	kg		
	Qty . Taking 100 Kg per cum for item no.				
7	Stone soling under floor properly hand packed filling interstics with Kharanja stone and consolidating with hand durmet to the requisite gradient and camber including spreading watering and rolling of binding materials complete as per HPPWD specification including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge.	4.11	cum		
8	Designing, providing and fixing factory finished custom designed cold form light gauge steel Framed structure comprising of steel wall panel. The steel strength 300-550 (MPa ) conforming to AISI specification and IBC 2009 for cold formed steel framing and construction and aslo as per ISO:875-1987. ISO 800-1984 and ISO 1-1975. The framing section shall be cold formed C-type having minimum web depth 89 mm X 39mm flenge X 11mm lip in required length as per structural design requirement duly punched with dimplw/slot at required location as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250 mm away from both ends of the member.. All self drilling tapping screws for joining the members shall have a type II containing in accordance with ASTM B633113 or equivalent corrosion protection of gauge 10 and 12. TPI 16 and 8 of length 20mm. The frames shall be fixed on RCC slab or tie beam as per approved drawings. Design subject to minimum 12 mm diameter and 121mm length confirming to AISI 304 and 316 at 500 mm C/C withh minimum embankment of 100 mm in RCC( RCC to be paid separately) and located not more than 300 mm from corners or termination of bottom tracks complete in all respects.	600	kg		

9	Providing and fixing external wall system on LGSF frame work with outer face having 6mm thick heavy duty cement board as per standard size fixed on 8mm thick fibre cement board confirming to IS 14862;200 of category III type B (High pressure steam cured as per standard sizes) with self drilling / tapping screws/ fasteners @ 60cm C/C of approved make. A groove of 2mm to 3mm shall be maintained and groove shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be counter sunk rib head of 1.6mm to 4mm thick of 8 to 10 gauge of length varying from 25 to 45 mm and internal face 12.5mm thick gypsum plaster board fixed on 8 mm thick fiber cement board confirming to IS 14862:2000 of category III type B (High pressure steam cured as per standard sizes) fixed with self drilling/tapping screws/fasteners at the rate 60cm C/c of approved make. Proper taping and jointing should be done using fibre mesh tape and epoxy and acrylic based jointing compound for seamless finish. Cost of frame work for separately.	59.19	sqm		
	Wall area W1= 6 (length in mtr) x 3 ( Height in mtr)	18			
	Wall area W2=6 (length in mtr) x 3 ( Height in mtr) - ( 1.5 x 1.5x1) windows	15.75			
	Wall area W3= 4 (length in mtr) x 3 ( Height in mtr)	12			
	Wall area W4= 4 (length in mtr) x 3 ( Height in mtr) -(0.9x2.1) Door - (1.5x1.5) Window	7.86			
	Wall area under the gable roof in front and rear	5.58			
	<b>TOTAL EXTERNAL WALL AREA</b>	<b>59.19</b>			
8	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	42.95	sqm		
10	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
	Ridges plain (500 - 600mm)	4.5	sqm		
	Flashings/ Aprons.( Upto 600 mm)	3.435	sqm		
11	Barge board and eave ceiling with 12.5 mm moisture resistant gypsum board, completed in all respect.	15.79	sqm		
12	Providing and fixing False ceiling of 600x600mm PVC laminated gypsum tiles of 8mm thickness in pre-coated GI T and L channels of desired thickness completed in all respects.	24	sqm		
13	Providing and applying Birla/J.K. or equivalent wall care exterior/interior mix putty for outer surface i/c sand pappering for making the surface smooth for applying any or vinyl paint with all cost of materials, labours, and scaffolding etc. in all position complete	145	sqm		
14	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade 13.30.1 New work (two or more coats) over and including priming coat with cement primer.	145	sqm		
15	Providing and laying 600 X 600 mm vitrified tiles of standard make	45	sqm		

16	Providing and fixing Aluminium windows 2 NO., 18 gauge powder coated for ventilation as per drawing or requirement.	4.5	sqm		
17	P/F wooden Shutters( 2nd class D/wood) in door with all necessary fittings and accessories.	1.89	SQM		
18	P/F wooden door frame fixed with 100mm steel screws in GI stud of the walls	0.0225	CUM		
19	Providing and fixing all, electrical conducting and fixture material as per mentioned .				
	LED CEILING LIGHTS	6	no.		
	Wiring for LED lights	25	rm		
	FAN REGULATOR 2 NO.	2	no.		
	5A switch+ socket	5	no.		
	15a switch socket	2	no.		
20	Supply and installation of 40/50/63A Breaking capacity 240v C curve miniature circuit breaker of following poles in the existing MCB, complete in all respect	4	no.		
21	Providing office almirah 6 feet height and 4 feet wide	1	no.		
22	Providing numbers revolving office chair,3 visiting chairs	1	no.		
23	Providing and fixing wooden laminated counter table with draws cabin etc. for two persons complete	1	no.		
24	Providing Banner for common service centre Mashobra with flex paper fixed over MS tubes of 1x1"	1	no.		