

Name of work: Extension and modification of pond, RCC Protection shed, Shower Room, Naykhang, cold water connection & waste bins

Location : Duenmang Tsachu

Package 3

Sl.No.	Description of item	Quantity	Unit	Rate(Nu.)	Rate in words	Amount(Nu.)
	<b>Tsachu pond Modification &amp; Extension</b>					
1	Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed: Mixed Conifer	3.07	cu.m			
2	P&f. M.S. round hold-down bolts with nuts and washer plates	6	kg			
3	P&l. G.I. pipes incl. G.I. ftgs, and repair walls (excl. trenching & refilling & thrust block): 2"	4	m			
4	Providing and fixing brass gate valve 2"	4	each			
5	Demolishing cement concrete 1:3:6 & richer, including disposal of materials within 50 m lead.	12.84	cu.m			
6	Providing & laying Random Rubble Masonry with hard stone hammer-dressed in found'n & plinth: In cement mortar 1:4	26.01	cu.m			
7	P&l. 20mm cement plaster : C.M 1:5	182.42	cu.m			
8	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 40 mm nominal size)	3.82	cu.m			
9	Providing & applying white or colour washing: White washing with lime-new work-three coats	155.64	Sq.m			

10	Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan incl. dressing & ramming, disp. of surplus soil within 50m lead & 1.5m lift: Ordinary soil <b>with or without blasting</b>	10.47	cu.m			
<b>Cold Water Connection</b>						
11	P&l. H.D.P.E pipes, pressure class 10kg/sq.m incl. H.D.P.E fittings (excl. trenching, refilling & thrust block): 32mm	100	m			
12	P&l. H.D.P.E pipes, pressure class 10kg/sq.m incl. H.D.P.E fittings (excl. trenching, refilling & thrust block): 25mm	100	m			
13	Gi nipple 1/2"	5	each			
14	GI Socket 1/2"	5	each			
15	GI Union 1/2"	5	each			
16	P&f. c.p. brass bibcock: 15mm, standard vertical, c.p knob	5	each			
17	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, incl.dressing of sides/ramming of bottom, depth < 1.5m, disp. of surplus material within lead of 50m: Hard rock requiring blasting: <b>Pipes, cables etc 80mm &lt;dia &lt;300mm</b>	100	m			
<b>WASTE BINS</b>						
18	Steel work in single section incl. cutting, hoisting, fixing and applying priming coat of red lead paint: <b>In angles</b>	42	kg			
19	Steel work in single section incl. cutting, hoisting, fixing and applying priming coat of red lead paint: <b>In Flats</b>	10.98	kg			

20	P&f G.I double knotted mesh including fixing of posts or struts, G.I staples, coal taring in case of ballies complete (excl the cost of posts/struts, earthwork concrete): 4mm (8 SWG) x 100mm	11.25	sq.m			
21	P & F Chicken wire mesh	5.25	sq.m			
22	Earth work in excavation overareas, depth >300mm, width >1.5m, area >10 Sq.m in plan, incl. disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed. Ordinary soil	10	cu.m			
23	Providing and laying Hand packed stone filling or soling with stones	0.6	cu.m			
24	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) - lean concrete	0.4	cu.m			
<b>RCC Protection shed</b>						
25	Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan incl. dressing & ramming, disp. of surplus soil within 50m lead & 1.5m lift: Ordinary soil	8.1	cu.m			
26	Providing and laying hand packed stone soling or filling with stones .	2.03	cu.m			

27	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) - lean concrete	1.35	cu.m			
28	Providing & laying in position R.C.C excluding the cost of centering, shuttering and reinforcement, all works upto plinth level. 1:1.5:3 (1cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	4.73	cu.m			
29	Providing & laying in position R.C.C work in plinth and skirting courses, fillets, columns, pillars, posts, and struts upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	1.51	cu.m			
30	Providing & laying in position R.C.C work in suspended floor, roof having slope up to 15*, landings, balconies, shelves and chajjas upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	3.38	cu.m			
31	Providing & laying in position R.C.C work in beams, lintels, bands, plain window sills, strair cases, spiral staircases upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	1.91	cu.m			

32	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	927.75	kg			
33	P&l. 12mm cement plaster: C.M 1:4	94.34	sq.m			
34	Providing & applying white or colour washing: White washing with lime-new work-three coats	88.34	sq.m			
35	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork - suspended floor etc.	27.00	Sq.m			
<b>SHOWER ROOM</b>						
36	Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan incl. dressing & ramming, disp. of surplus soil within 50m lead & 1.5m lift: Ordinary soil <b>with or without blasting</b>	3.45	cu.m			
37	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) - lean concrete	1.19	cu.m			
38	Providing & laying Coursed Rubble Masonry with hard stone in found'n & plinth: In cement mortar 1:5	10.26	cu.m			
39	P&l cement concrete flooring 1:2:4, finished with floating coat of neat cement: 20mm river gravel, 40mm thick	5.6	Sq.m			
40	P&l. 20mm cement plaster : C.M 1:5	53.26	Sq.m			

41	Providing & laying in position R.C.C work in suspended floor, roof having slope up to 15°, landings, balconies, shelves and chajjas upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	1.88	cu.m			
42	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	120	kg			
43	P&f. H.D.P.E pipes including clamps & repair walls etc. complete: 40mm	6	m			
44	Providing & applying white or colour washing: White washing with lime-new work-three coats	53.26	Sq.m			
45	Constructing random rubble masonry open surface drain in cement mortar 1:6, including earth work in excavation, 100mm thick conc. base 1:5:10, 40 mm aggregate 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches, including 20mm cement plaster with floating coat of neat cement, disposal of surplus earth. <b>100x200mm depth</b>	11	m			
46	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork - suspended floor etc.	12	Sq.m			
	<b>NAYKHANG</b>					

47	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m in plan, incl. disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed. Ordinary soil	2.63	cu.m			
48	Excavation in foundation trenches or drains, not exceeding 1.5m in width or area 10 sq.m on plan incl. dressing & ramming, disp. of surplus soil within 50m lead & 1.5m lift: Ordinary soil <b>with or without blasting</b>	3	cu.m			
49	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level - 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size) - lean concrete	2.4	cu.m			
50	Providing & laying Random Rubble Masonry with hard stone hammer-dressed in found'n & plinth: In cement mortar 1:4	6.6	cu.m			
51	P&l. 20mm cement plaster : C.M 1:5	27.2	Sq.m			
52	Providing & laying in position R.C.C work in suspended floor, roof having slope up to 15*, landings, balconies, shelves and chajjas upto floor level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crush rock 20 mm nominal size)	0.5	cu.m			

53	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	16.56	kg			
54	Providing & applying white or colour washing: White washing with lime-new work-three coats	27.2	Sq.m			
55	Providing and laying hand packed stone soling or filling with stones .	1.8	cu.m			

Total in figure.....

Total in Words.....

Contractors seal & sign