

SCHEDULE OF QUANTITY

Estimated cost Rs.2,39,578/-
Earnest Money:-4800/-
Time: Three Months

Name of work:- Providing WSS to P.C. habitation to village Bhalwar in GP Tungadhar, Bund& janjehli in tehsil thunag distt. Mandi (HP) (SH:- c/O slow sand filter bed 6 Sqm in single unit, c/O sedimentation tank 25 00 ltrs capacity at pt. "J" and c/O storage tank 1100 ltrs capacity at pt. L).

Sr. No.	Description	Qty.	Rate	Unit	Amount
1	Excavation in foundation and trenches etc. in earth work in all kinds of soil such as pick work, jumper work, blasting soft or hard or by chiselling soft or hard rock where blasting is prohibited in all leads and lifts including trimming / dressing of side and bed stacking hythe excavated soil clear from the edge of excavation and returning the excavated soil after completion of work in 15 cm layers when required into plinth, sides of foundation etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated soil complete in all respect as per the direction and to the entire satisfaction of the Engineer- in- charge.	78.39		cum	
2	Provididng and laying cement concrete 1:3:6(1 cement: 3 sand : 6 graded cryushed stone aggregate 40 mm nominal size) and curing complete excluding the cost of form 3work in foundation and plinth in all leads and lifts.	6		cum	
3	Providing and laying cement concrete 1:4:8 (1 cement:4 sand: 8 graded crushed stone aggregate 40 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads and lifts.	4.31		cum	
4	Providing form work with steel plate 3.15 mm thick welded with angle iron 30x30x5 mm so as to give a fair finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceilling not exceeding 4 mtrs andd removal of the same for in- situ reinforced concrete and plain concrete work in all leads and lifts.				
	(a) flat ssurfaces such as soffits of suspended floors, roofs, landings and the like including attached upto 200 mm thickness.	6.88		Sqm.	
	(b)Vertical surface such as walls (any thickness) partitions and the like including attached pillasters buttersses, plinth ans string course and the like.	158.2		Sqm.	
5	Providding and laying cement concrete 1:1.5:3 (1 cement : 1.5 sand: 3 graded crushed stone aggregatef 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced cement concrete work in all leads and lifts in:				
	(a)Foundation , footings bases of columns and the mass concretef in all leads and lifts.	10.38		cum	
	(b) walls any thickness but not less than 0.1 mtrs thickness attached pillasters, plinths and string courses etc. from top of foundation level upto floor two level in all leads and lifts.	11.56		cum	

6	Providing and laying cement concrete 1:2:4(1 cement : 2 sand : 4 graded crushed stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in all leads and lifts in:-		
	(a) suspended floors, roofs, landing shelves and their supports balconies, lintels , beams girders bresmers and cantilevers upto all floor two level.	0.88	cum
7	Providing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level in all leadsf and flifts.	1598	Kg
8	Cement concretee flooring 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size) laid in one layer finished with a floating coat of neat cement in all leads and lifts (a) 40 mm thick	7.79	Sqm.
9	Providing and placing in horizontal layers filtering media duly graded screened washed and cleaned as specified by the Engineer- in- charge including all leads and lifts:-		
	(i) Bottom layer		
	Broken stone screened washed and graded from 50 mm to 75 mm	0.9	Cum
	(ii) 4th layer		
	Bajari screened , washed and graded from 20 mm to 25 mm	0.6	cum
	(iii) 3rd layer		
	Bajari , screened, washed and graded from 6 mm to 20 mm	0.6	cum
	(iv) 2nd layer		
	coursed sand screened , washed and graded from 3 mm to 6	0.6	cum
	(v) Top layer		
	fine sand screened , washed and graded effective size 0.20 to 0.40 with uniformity co- efficient 2to 3)	4.49	cum
10	Placing in horizontal layer by bricks in two layers as specified by the Engineer- in - charge including all leads and lifts . Ist class.	507	Nos
11	fixing G.I poipe light grade for inlet, scour and over flow pipe (Labour rate) of following dia in all leads and lifts.		
	(i)50 mm dia	47	Rmt.
12	Providing and fixing Gun Metal valve as per ISI specification of following dias:-		
	(i) 50 mm dia	5	Nos
13	Providing and fixing 3.15 mm thick MS sheet man hole cover fixed 50x50x6 mm angle iron frame 500x500 mm with welding including hold fast 25x6 mm 150 mm long, handle 150 mm long 8 mm dia bar and locking arrangement complete in all leads and lifts.	2	Nos
14	Providing and fixing cast iron spun spigot and socket soil ventilating pipe lead cauled joints to be measured an paid for separately 100 mm dia.	2	Rmt.
	Terms and conditions		
	i) the work shall be executed as per HP/ IPH specification and to		
	ii) the cement steel and G.I pipe shall be issued by the department		
	iii) The contractor shall be fully responsible for watch and ward of		
	iv) Nothing shall be paid for rejected material.		
	v) Income Tac/ Sale Tax and labour welfare cess shall be deducted		

- vi) g.I fitting shall be provided by the contractor at their own cost.
- vii) Crushed stone aggregate shall be used in alal concrete work.
- viii) The contractor shall be responsible for any accident caused
- ix) The contractor get the sand tested in the materal testing labs

Executive engineer,
IPH Division, Thunag.