

**SCHEDULE OF QUANTITY**

Name of work:- A/R & M/O WSS Sakundi Chimla in GP Malion Tehsil K/Sain Distt Shimla HP								Estimated Cost.Rs. 154438/-		
Sub-Head:- C/O Sedimentation tank 3600 ltrs, & Filter Bed 18000 ltrs, capacity.)								Earnest Money.Rs.4000/-		
								Time Limit:- 6 Months		
S.No	Description of items.	Quantity.		Rates. In fig.	Words.	In	Unit.	Amount.		
1	2	3		4		5	6	7		
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watring and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un metalled/metalled paved surfaces to its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	83.42	Cum				Per Cubic Mere.			
2	Providing and laying cement concrete 1:3:6( 1cement:3 sand: 6 graded stone aggregate 20 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads & lifts.	6.88	Cum				Per Cubic Metre			
3	Providing and laying cement concrete 1:2:4 ( 1cement:2 sand: 4graded stone aggregate 20 mm nominal size )and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-									
	Suspended floors, roofs,landings and shelves and their supports, balconies, beams, girders, bressumers and cantilivers up to floor two level in all leads & lifts.	0.16	Cum				Per Cubic Metre			
4	Providing and laying cement concrete 1: 1.5 :3 ( 1cement: 1 1/2 sand: 3graded stone aggregate 20 mm nominal size ) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-									
i)	Foundation , & plinth. including all leads & lifts.	6.56	Cum				Per Cubic Metre			
ii)	Walls(any thickness but not less than 0.1 mtr thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level up to floor two level in all leads & lifts.	18.67	Cum				Per Cubic Metre			
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish including centring, shuttering ,strutting and propping etc. with wooden battens and ballies height of propping and centring below supporting floor to ceiling in all heights and removal of the same for insitu reinforced concrete and plain concrete workin:-									

i)	Flat surfaces such as soffits of suspended floors,roofs,landings and the like floors etc.upto 200mm in thickness in all leads and lifts.	1.62	Sqm.			Per Square Metre
iii)	Vertical surfaces such as walls(any thickness)partitons and the like including attached pillasters,buttresses plinth and string courses and the like Columns,pillars posts and struts in all leads and lifts	192.54	Sqm.			Per Square Metre
6	Providing for steel reinforcement for RCC work including bending,binding and placing in position complete upto floor two level in all leads and lifts.	2285.10	kg.			Per Kilogram.
7	Providing in RCC work smooth finishing of the exposed surfaces with cement mortar 1:3 (1 cement : 3 sand)complete in all leads and lifts.	156.28	Sqm.			Per Square Metre
8	Providing & fixing C.I. cover (Medium duty) 500mm dia with frame , the weight of cover to be not less then 58Kg .	1	Nos			Each
9	Providing 200 mm wide cast iron rungs with chequered or ribbed non slip surface including fixing in manhole complete in all respect. In all leads and lifts.	8	Nos			Each
10	Providing and placing in horizontal layers filtering media duly graded screened,washed and cleaned as specified by the Engineer-in-Charge in all leads and lifts.					
i)	Top layer:- Fine sand(eff.size 0.20mm to 0.40mm and uniformity-co-eff.2.00 to 3.00)in all leads and lifts.	9.18	Cum			Per Cubic Metre
ii)	2nd layer:- Coarse sand 3mm to 6mm from approved quarry in all leads and lifts	0.61	Cum			Per Cubic Metre
iii)	3rd layer:- Bajri 6mm to 20mm from approved quarry in all leads and lifts.	0.61	Cum			Per Cubic Metre
iv)	4th layer:- Bajri 20mm to 25mm from approved quarry in all leads and lifts	1.22	Cum			Per Cubic Metre
v)	5th/Bottam layer:- Broken stone 50mm to 75mm approved quarry in all leads and lifts.	1.22	Cum			Per Cubic Metre
11	2nd class dry brick flooring filling joints with fine sand using canvention bricks (for filter bed )	692.00	Nos.			Each
<b>Total:-</b>						

### TERMS AND CONDITIONS

- 1 Use of vibrator in mandatory for RCC/CC work
- 2 5% payment shall be with held for testing of line & civil structures
- 3 Cement will be issued to the contractors from IPH Store Suni @ Rs 173/- per bag PPC & Rs 175/-bag OPC.
- 4 Steel will be issued to the contractors from IPH Store Suni @ Rs 36.00 per/Kg.
- 5 The work will be executed as per PWD/IPH specification and as per the direction of the Engineer-in-Charge.
- 6 The contractor is fully responsible for watch and ward of material as issued to him

7 The sale tax & Income tax will be deducted from every bill.  
8 1 % less will be deducted from each & every bill of contractor.  
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Executive Engineer,  
I&PH Division, Suni,  
Distt Shimla H.P.