

## SCHEDULE OF QUANTITY

<b>Name of Work:- Improvement of LWSS Kakroa in GP Sai (Chaloh) Tehsil Sadar Distt. Mandi (H.P.)</b>				<b>Estimated Cost :- Rs. 1,97,466/- Only</b>			
<b>(SH:- C/O Sedimentation Tank 10000 Liter Capacity, Slow Sand Filter Bed 23.60 Sqm Capacity, RCC Circular Sump Well/Clear Water Tank 38000 Liter Capacity and RCC Circular Main storage Tank 38000 Liter Capacity) Balance Work thereof</b>				<b>Earnest Money :- Rs. 4000/- Only</b>			
				<b>Time Limit :- Three Months</b>			
Sr. No.	Description of items	Quantity		Rate		Unit	Amount
				In Figures	In Words		
1	Providing and laying cement concrete 1 : 3 : 6( 1 Cement : 3 Sand : 6 graded stone aggregate 40 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads & lifts.	0.22	Cum			Per Cubic Metre	
2	Providing form work with steel plates 3.15 mm thick welded with angle iron in frames 30x30x5 mm, so as to give a fair finish including centering ,shuttering, propping etc.with wooden battens and ballies, height of propping and centering below supporting floor to ceiling not exceeding 4 meters and removal of the same for-in-situ reinforced concrete and plain concrete work in:-						
	i) Vertical surface such as walls(any thickness) partitions and the like including attached pillasters, buttresses, plinth and string courses and the like in all leads & lifts.	124.05	Sqm			Per Square Metre	
	ii) Flat surfaces such as soffits of suspended floors, roofs landings and the like: floors etc. up to 200 mm in thickness in all leads & lifts.	14.32	Sqm			Per Squire Metre	
3	Providing and laying cement concrete 1:1 1/2 :3 ( 1Cement: 1 1/2 sand: 3 graded stone aggregate 20 mm nominal size ) and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-						
	i) 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.	11.25	Cum			Per Cubic Metre	
4	Providing and laying cement concrete 1 : 2 : 4 ( 1 Cement : 2 Sand : 4 graded stone aggregate 20 mm nominal size )and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-						
	i) Suspended floors, roofs,landings and shelves and their supports, balconies, beams, girders, bressumers and cantilivers up to floor two level in all leads & lifts.	4.58	Cum			Per Cubic Metre	

Sr. No.	Description of items	Quantity		Rate		Unit	Amount
				In Figures	In Words		
5	Providing Tor Steel Reinforcement for RCC work including bending, binding and placing in position complete up to floor two level in all leads and lifts.	373.09	Kg			Per Killogram	
6	Providing and fixing of Steel/fibre reinforcement concrete (SFRC) manhole cover with frame conforming to IS-12592 (Part - I)-1998 with latest amendments 560 mm dia medium duty in all leads and lifts.	2	Nos.			Each	
7	Fixing of G.I. pipe 50 mm dia for inlet, outlet and scour pipe etc in all leads and lifts.	42.00	Rmt			Per Running Meter	
8	Providing and Fixing Cast Iron Sluice Valve of BIR make BIS No. 14846 with flange Table - 5 including welding of flanges, Nuts & Bolts and Gasket etc.The sluice valve conforming to IS - 780. The dia of valve as mentioned below complete in all leads and lifts and to the entire satisfaction of the Engineer - in - Charge.						
	<b>i) 50 MM Diameter Table - 5</b>	6	Nos.			Each	
9	Providing and placing in horizontal layers filtering media duly graded,screened,washed and cleaned as specified by the Engineer - in - Charge.						
i)	<b>Top Layer</b> :-Fine Sand (Eff. Size 0.20 mm to 0.40 and uniformity-co-efficient 2.00 to 3.00) Screened, washed, cleaned & graded from approved quarry in all leads and lifts.	17.67	Cum			Per Cubic Metre	
ii)	<b>2nd Layer</b> :-Coursed sand screened, cleaned, washed & graded 3 mm to 6 mm from approved quarry in all leads and lifts.	2.36	Cum			Per Cubic Metre	
iii)	<b>3rd Layer</b> :-Bajri screaned, washed and graded 6 mm to 20 mm from approved quarry in all leads and lifts.	2.36	Cum			Per Cubic Metre	
iv)	<b>4th Layer</b> :-Bajri screaned, washed & graded 20 mm to 25 mm from approved quarry in all leads and lifts.	2.36	Cum			Per Cubic Metre	

Sr. No.	Description of items	Quantity		Rate		Unit	Amount
				In Figures	In Words		
v)	<b>5th Layer</b> :- Broken stone screened, washed and graded for 50 mm to 75 mm from approved quarry in all leads and lifts.	3.53	Cum			Per Cubic Metre	
10	Providing and placing 1st class standard bricks in filter bed in two layers so as to make cross drains as per direction of Engineer-in-charge.	998	Nos.			Per 1000 Nos.	
						<b>Total :-</b>	

**Terms and Conditions :-**

- 1 The work should be executed as per PWD / IPH specifications and to the entire satisfactions of the Engineer-in Charge.
- 2 Cement and steel will be issued to the contractor by the Deptt. from IPH Divisional store Raghunath Ka Padhar Mandi cement @ Rs. 254/- per bag ,Steel Rs. 5524/- per quintal respectively
- 3 The GI pipe will be issued to the contractor free of cost from IPH Divisional store Raghunath Ka Padhar on proper indents.
- 4 The Contractor will be fully responsible for watch and ward of material at site of work.
- 5 Crushed aggregate shall be used in concrete work.
- 6 Concrete work shall be done by using vibrator and concrete mixing plant.
- 7 Nothing shall be paid for sub-standard material/rejected works.
- 8 1% labour cess will be deducted from the bill of the contractor.
- 9 GST as applicable will be borne by the contractor.

**Executive Engineer,  
IPH Division, Mandi.**