

Job No -1

ESTIMATED COST Rs.

118990.00

**SCHEDULE OF QUANTITY**

NAME OF WORK : A/ R &amp; M/O LWSS Jakhyol Phase 1st and WSS Jar Bakhouta

Earnest Money :- Rs. 2380.00

SUB HEAD :- Providing RCC jacking to main storage tank 45000 liter

S.No	Description of item	Quantity	Rate in fig	Rate in words	Unit	Amount.
				TIME	1	MONTHS
1	2	3	4	5	6	7
1	Demolition above G.L. upto floor two level including disposal of unserviceable materials within all lead and including cutting the necessary reinforcement and separating out from R.C.C. work. in all leads and lifts	4.04			Cum.	
2	Providing and Laying cement concrete 1:1.5:3 (1Cement :1.5 Sand:3graded stone aggregate 20 mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-					
i)	Foundations, footings bases of columns and the like and mass concrete. concrete in all leads and lifts.	2.13			Cum.	
(ii)	Walls (any thickness but not less than 0.10 metre thickness) including attached pilasters buttresses, plinth and string courses etc. from top of foundation upto floor two level in all leads and lifts.	6.18			Cum.	
iii	Suspended floors, roofs, landing shelves and their supports balconies beams, girders, bressumers and cantilever upto floor two level including carriage of material in all leads & lifts.	3.980			Cum.	
3	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish including centering, shuttering, strutting and 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 insitu reinforced concrete and plain concrete work in:					
a)	Vertical surfaces such as wall (any thick.) partitions & the like including attached pilasters, buttresses, plinth & string courses & the like in all leads and lifts.	78.80			Sqmtr.	
b)	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors upto 200mm in thickness in all leads and lifts.	22.46			Sqmtr.	
4	Providing for steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level including carriage of material in all leads & lifts.	690.34			kg	
5	Steel work welded in built up sections, trusses & framed work, i/c cutting, hoisting & fixing in position & applying a priming coat of red lead paint :- In grating, framed guards, bars, ladders, railing, brackets & similar works in all leads and lifts..	53.7			kg	

**TERMS AND CONDITIONS**

- 1 The work will be executed as per HP IPH specification and to the entire satisfaction of the Engineer-in-Charge.
- 2 Nothing shall be paid for rejected work.
- 3 Security, income tax and GST will be deducted from each bill of the contractor as per admissible..
- 4 The following material will be issued to the contractor rate shown against each from divisional store.  
**a) Cement @ Rs270/- Per bag. Steel @ 4910 per Qtl & G.I. Pipe free of cost .**
- 5 All other material will be arranged by the contractor at his own cost and risk
- 6 **Crushed stone aggregate will be used for concrete work.**
- 7 Well screened /washed sand will be used for concrete work.
- 8 Mechanical mixture and vibrator will be used for RCC work.
- 9 Water will be arranged by the contractor at his own cost and risk.
- 10 Material should be used of approved quarry.
- 11 No deviation will be allowed from the approved scope without prior permission of undersigned
- 12 Contractor shall be responsible for watch and ward of material at site of work.
- 13 1% labour cess will be deducted from each bill of contractor
- 14 **No deviation will be allowed with inspection note / prior permission of the under signed .**
- 15 The rates inclusive of all taxes including GST

Executive Engineer  
IPH Division Barsar

				Job No.-2		
	<b>SCHEDULE OF QUANTITY</b>			ESTIMATED COST Rs.	255329.00	
<b>NAME OF WORK : A/ R &amp; M/O LWSS Karohta in Tehsil Bhoranj Distt. Hamirpur.</b>				Earnest Money :- Rs.	5107.00	
	<b>SUB HEAD :- Providing RCC jacking to main storage tank 80000 liter</b>			TIME	1	MONTHS
<b>S.No</b>	<b>Description of item</b>	<b>Quantity</b>	<b>Rate in fig</b>	<b>Rate in words</b>	<b>Unit</b>	<b>Amount.</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1	Demolition above G.L. upto floor two level including disposal of unserviceable materials within all lead and including cutting the necessary reinforcement and separating out from R.C.C. work. in all leads and lifts	6.26			Cum.	
2	Providing and Laying cement concrete 1:1.5:3 (1Cement :1.5 Sand:3graded stone aggregate 20 mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-					
i)	Foundations, footings bases of columns and the like and mass concrete. concrete in all leads and lifts.	1.53			Cum.	
(ii)	Walls (any thickness but not less than 0.10 metre thickness) including attached pilasters buttresses, plinth and string courses etc. from top of foundation upto floor two level in all leads and lifts.	3.58			Cum.	
iii	Suspended floors, roofs, landing shelves and their supports balconies beams, girders, bressumers and cantilever upto floor two level including carriage of material in all leads & lifts.	45.620			Cum.	
3	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish including centering, shuttering, strutting and 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 insitu reinforced concrete and plain concrete work in:					
a)	Vertical surfaces such as wall (any thick.) partitions & the like including attached pilasters, buttresses, plinth & string courses & the like in all leads and lifts.	37.31			Sqmtr.	
b)	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors upto 200mm in thickness in all leads and lifts.	6.48			Sqmtr.	
4	Providing for steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level including carriage of material in all leads & lifts.	708.85			kg	
5	Steel work welded in built up sections, trusses & framed work, i/c cutting, hoisting & fixing in position & applying a priming coat of red lead paint :- In grating, framed, guards, bars, ladders, railing, brackets & similar works in all leads and lifts..	26.85			kg	

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					<b>Job No 4</b>	
<b>SCHEDULE OF QUANTITY</b>					<b>Estimated Cost :- Rs.</b>	<b>203841.00</b>
<b>NAME OF WORK :- Providing drinking water facilities to the habitations having less than 100 persons under IPH Sub Division Bhota in Tehsil Barsar Distt. Hamirpur (H.P)</b>					<b>Earnest Money :- Rs.</b>	<b>4077.00</b>
<b>(SH: C/O RCC sector storage tank 20000 liters capacity at Tikker and laying</b>					<b>Time</b>	<b>3 Months</b>
S.No	Description of item	Quantity	Rate		Unit	Amount.
			in fig	in words		
1	2	3	4	5	6	7
1	Excavation in foundation , trenches etc., in all kinds of soil such as pickwork, jumper work blasting work, in soft / hard rock, including chiseling wedging out of rocks clearance of bushes etc.including shoring, dewatering etc. in all leads and lifts stacking the excavated soil upto any lead and lift clear from the edge of excavation and then returning the stacked soil in 15cm layers when required into plinth , sides of foundation etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus earth within all leads and lifts complete to the entire satisfaction as directed by the Engineer-in-charge of the site of work.	207.31			Cum.	
2	Providing and Laying cement concrete1:3:6 (1Cement :3Sand:6 graded stone aggregate 40 mm nominal size) including curing complete excluding the cost of form work in foundation and plinth in all leads and lifts.	1.05			Cum.	
3	Providing and Laying cement concrete1:1.5:3 (1Cement :1.5 Sand:3graded stone aggregate 20 mm nominal size) & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in :-					
i)	Foundation, footing, bases of columns and the like & mass concrete in all leads and lifts.	2.09			Cum.	
(ii)	Vertical surface such as Wall (any thickness but not less than 0.10 mts. Thickness)attached pillasters,buttresses plinth,& string courses etc.from top of found level up to floor two level in all leads and lifts.	4.82			Cum.	
iii	Suspended floors,roofs,landing shelves and their supports balconies beams,girders bressumers and cantilever upto floor two level including carriage of material in all leads & lifts.	1.19			Cum.	
4	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish including centering, shuttering , strutting and propping etc. with wooden battens and ballies height of propping and centering below supporting floor to ceiling not exceeding 4meters and removal of the same for insitu reinforced concrete and plain concrete work in:					
a)	Vertical surfaces such as wall (any thick.) partitions & the like including attached pillasters, buttresses,plinth & string courses & the like in all leads and lifts.	64.28			Sqmtr.	
b)	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors upto 200mm in thickness in all leads and lifts.	6.44			Sqmtr.	
5	Providing in RCC work smooth finishing of the exposed surface with cement mortar 1:3 (1 cement : 3 sand)with in all leads and lifts & to the entire satisfaction of the Engineer-in-charge.	64.28			Sqmt	
6	Providing tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level including carriage of material in all leads & lifts.	675.41			kg	
7	Steel work welded in built up sections,trusses & framed work,i/c cutting,hoisting & fixing in position & applying a priming coat of red lead paint :- In grating, framed ,guards,bars, ladders, railing, brackets & similar works in all leads and lifts..	26.850			kg	

8	Laying jointing and testing of GMS pipe following dia (medium/ light class) for scour pipe, inlet pipe, over flow pipe & distribution system including carriage of material in all leads & lifts. (Labour rates.)				
	80 mm dia .	10.00			Rmt
	32 mm dia .	600.00			Rmt
9	Providing and fixing double flanged C.I sluice valve of following dia (with hand wheel) as per IS: 780 (including brass spindle and as per IS: 2906 Class-II complete with bolts., nuts, rubber insertion etc. ( along with tail pieces if required) following dia including all leads and lifts complete. ( Bir make) <b>with M.S. flanges of table 5.</b>				
	80 mm dia .	2.00			Each
10	Providing and fixing SFRC Man hole cover with frame having frame size of 560mm internal dia (Medium duty) The Weight of cover & frame should not less than 100kg including carriage of material in all leads & lifts.	1.00			each
11	Providing and supplying GM Gate valve as Per IS 778 CL-I of the following dia in all leads and lifts as per direction of Engineer-in-charge.				
	32 mm dia .	1.00			Each

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