

SCHEDULE OF QUANTITY

<u>Name of Work</u>		<u>ESTIMATED COST</u>		<u>465020.00</u>	
		<u>EARNEST</u>		<u>9300.00</u>	
		<u>TIME LIMIT:</u>		<u>3 Months.</u>	
<u>Sr. No.</u>	<u>Items of work</u>	<u>Quantity</u>	<u>Unit</u>	<u>Rate</u>	
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.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 layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	55.86	cum		
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	40.76	cum		
3	Providing and laying cement concrete1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size)with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge unto all lead & lifts.	4.55	cum		
4	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:				
	a) Foundation,footing basis of columns & the likeand mass concrete.	35.49	cum		

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 not exceeding 4 mtrs. and removal of the same for in situ reinforced concrete and plain concrete workin:- vertical wall (any thickness) partation and like i/c attached plaster buttresses plinth & spring in all leads and lifts all respect as per direction and to entire satisfaction of Engineer .	47	sqm			
6	Placing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel .	887.75	Kg			
TERMS AND CONDITIONS:-					Total	

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<u>Name of Work</u> :- Channelization of Imla Bimla Khad in Tehsil Karsog Distt. Mandi,(SH:- C/O Head weir at RDs 2880)						ESTIMATED COST		413104.00	
						EARNEST		8662.00	
						TIME LIMIT:		3 Months	
Sr. No.	Items of work	Quantity	Unit	Rate		Amount			
1	2	3		4		5			
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.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 layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	48.80	Cum						
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	34.94	Cum						
3	Providing and laying cement concrete1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size)with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge upto all lead & lifts.	3.90	Cum						
4	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:								
	a) Foundation,footing basis of columns & the likeand mass concrete.	31.92	Cum						

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 not exceeding 4 mtrs. and removal of the same for in situ reinforced concrete and plain concrete workin:- vertical wall (any thickness) partation and like i/c attached plaster buttresses plinth & spring in all leads and lifts all respect as per direction and to entire satisfation of Engineer .	41.1	Sqm				
6	Placing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel .	887.75	Kg				
TERMS AND CONDITIONS:-						Total	

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<u>Name of Work</u> :- Channelization of Imla Bimla Khad in Tehsil Karsog Distt. Mandi,(SH:- C/O Head weir at RDs 4370)				ESTIMATED	463782.00
				EARNEST	9276.00
				TIME LIMIT:	3 Months
Sr. No.	Items of work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.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 layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	50.81	Cum		
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	40.76	Cum		
3	Providing and laying cement concrete1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size)with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge upto all lead & lifts.	4.55	Cum		
4	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:				
	a) Foundation,footing basis of columns & the likeand mass concrete.	35.49	Cum		
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	47	Sqm		

6	Placing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel .	887.75	Kg			
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TERMS AND CONDITIONS:-

Total	
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- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<u>Name of Work</u> :- Channelization of Imla Bimla Khad in Tehsil Karsog Distt. Mandi,(SH:- C/O Head weir at RDs 5910)				ESTIMATED	463785.00
				EARNEST	9275.00
				TIME LIMIT:	3 Months
Sr. No.	Items of work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.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 layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	50.82	Cum		
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	40.76	Cum		
3	Providing and laying cement concrete1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size)with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge upto all lead & lifts.	4.55	Cum		
4	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:				
	a) Foundation,footing basis of columns & the likeand mass concrete.	35.49	Cum		

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 not exceeding 4 mtrs. and removal of the same for in situ reinforced concrete and plain concrete workin:- vertical wall (any thickness) partation and like i/c attached plaster buttresses plinth & spring in all leads and lifts all respect as per direction and to entire satisfaction of Engineer .	47	Sqm				
6	Placing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel .	887.75	Kg				
TERMS AND CONDITIONS:-						Total	

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<i>Name of Work</i> :- Channelization of Imla Bimla Khad in Tehsil Karsog Distt. Mandi,(SH:- C/O Head weir at RDs 6420)				ESTIMATED	463785.00
				EARNEST	9275.00
				TIME LIMIT:	3 Months
Sr. No.	Items of work	Quantity	Unit	Rate	Amount
1	2	3	4	5	5
1	Excavation in foundations trenches etc. in all kind of soil in all leads and lifts such as pick work, jumper work in saturated /un saturated soil including bailing out water, blasting work in hard/soft rock or chiseling in hard/soft rock where blasting is prohibited in all leads and lifts stacking the excavated earth more than 3mtr.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 layer by ramming and watering and disposing of all surplus excavated earth as directed within all leads and lifts and handing over the usable materials available from excavation to department free of cost as per direction of Engineer-in-Charge within all leads and lifts.	50.82	Cum		
2	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	40.76	Cum		
3	Providing and laying cement concrete1:5:10 (1Cement :5sand :10 graded crushed stone aggregate 40mm nominal size)with 15% plum and curing complete excluding the cost of form work in retaining wall/ breast wall, the size of plum shall usually be 150 mm to 300mm as per HPPWD specification complete in all respect as per direction and to the entire satisfaction of the Engineer-in-charge upto all lead & lifts.	4.55	Cum		
4	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:				
	a) Foundation,footing basis of columns & the likeand mass concrete.	35.49	Cum		

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 not exceeding 4 mtrs. and removal of the same for in situ reinforced concrete and plain concrete workin:- vertical wall (any thickness) partation and like i/c attached plaster buttresses plinth & spring in all leads and lifts all respect as per direction and to entire satisfaction of Engineer .	47	Sqm			
6	Placing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.: a) Tor steel .	887.75	Kg			
TERMS AND CONDITIONS:-					Total	

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement shall be issued by the department @ 5900 /- Per Tonne and steel 4950/- per Qtl. at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

<i>Name of Work</i> :- Providing LWSS to PC Hab. Mahunag in GP Mahunag Tehsil Karsog Distt Mandi HP (SH:- C/O Filter Bed 46 Sqm)						ESTIMATED	495170.00
						EARNEST	9903.00
						TIME LIMIT:	3 Months
Sr. No.	Items of work	Quantity	Unit	Rate		Amount	
1	2	3	3	4		5	
1	Cutting in all kinds of soil such as kankar, moorum, shingle boulders decomposed of soft rock or any such mixed in other variety of soil or rocks, including filling in embankments where necessary including ramming and watering etc. stacking of serviceable materials at the place specified by the Engineer-in-Charge including all leads and lifts wherever or for what purpose required.	165.00	Cum				
2	Excavation in foundation trenches etc. in all kinds of earth work such as spade work, pick work, jumper work saturated /un saturated soil blasting work and chiseling/wedging out of rocks where blasting work prohibited up to all depth and lifts including pumping and bailing out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into the plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated material within all leads and lifts, useful material available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in Charge.	63.99	Cum				
3	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	15.69	Cum				
4	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts:						
	a) Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts	4.60	Sqm				
	b)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	234.48	Sqm				
5	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:						
	a) Foundation,footing basis of columns & the likeand mass concrete.	14.15	Cum				

	b) Walls (any thickness) but not less than 0.10 Mtrs. including attached pilasters, buttresses, plinth and string course from top of foundation up to floor two levels.	20.49	Cum			
6	Providing and laying cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone agg. 20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work					
	a) Suspended floors, roofs, landings, shelves and their supports, balconies, beams, girders, brusses and cantilevers up to floor two levels	0.55	Cum			
7	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.:	3167.10	Kg			
8	Manufacturing, supplying, Fabrication and fixing of MS fabricated Protection Panel 650 mm x 650 mm made ms Angle 35 x 35 mm frame, Ms Angle 25 x 25 x 3 mm fore cover, sliding door bolt and Ms Sheet (12 gauge mm thick for protection of manhole covers of storage tanks including the cost of cutting and welding of MS Angle Flat & Ms Sheet, embedding in RCC slab by drilling holes in MS angle and in RCC slab, Provision for providing Handle 100 mm, Lock piano hinges and applying a priming coat red oxide paint & painting two coats with steel paint (Firoza Blue) complete job in all respects in all leads and lifts and to the entire satisfaction of the Engineer In Charge.	2.00	Each			
9	Laying, jointing and testing in trenches galvanized mild steel screwed and socketed /flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes (Earth work in trenches to be measured and paid for separately) complete in all respects and to the entire satisfaction of the Engineer-in-charge: (LR): 50 mm	30.00	Rmt			
10	Providing & Fixing Full way Gun Metal Wheel valve with hand wheel complete in all respects. 50mm dia	3.00	Each			
11	Providing and placing in horizontal layer filtering media duly graded, screened, washed and cleaned as specified below by the Engineer-in-Charge within all leads and lifts:-					
	a) Top layer, Fine sand (Eff. Size 0.20mm to 0.40 mm and uniformly co-efficient 2.00 to 3.00)	34.48	Cum			
	b) 2nd layer : Coarse sand 3mm to 6 mm	4.60	Cum			
	c) Third layer : Bazri 6 mm to 20 mm	4.60	Cum			
	d) Fourth layer : Bazri 20 mm to 25 mm	4.60	Cum			
	e) Bottom layer: Broken stone 50 mm to 75mm.	6.90	Cum			

12	Providing and placing 1st. Class standard bricks in filter Bed in two layers so as to make cross drains as per direction & satisfaction of the Engineer- in- charge upto all lead & lifts.	1948.00	Nos			
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TERMS AND CONDITIONS:-

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST, Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement e shall be issued by the department @ 5900 /- Per Tonne and Steel @4950 /- Per Qtl at I&PH Divisional storeSarnali Karsog .

Total	
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Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

Name of Work:- Providing LWSS to PC Hab. Mahunag in GP Mahunag Tehsil Karsog Distt Mandi HP (SH:- C/O Head weir , Intake Chamber L/J Fiddler Pipe and C/o of Sed. Tank 20000 Ltrs Cap.)		ESTIMATED		262290.00	
		EARNEST		5246.00	
		TIME LIMIT:		3 Months	
Sr. No.	Items of work	Quantity	Unit	Rate	
1	2	3	4	5	
1	Cutting in all kinds of soil such as kankar, moorum, shingle boulders decomposed of soft rock or any such mixed in other variety of soil or rocks, including filling in embankments where necessary including ramming and watering etc. stacking of serviceable materials at the place specified by the Engineer-in-Charge including all leads and lifts wherever or for what purpose required.	160.5	Cum		
2	Excavation in foundation trenches etc. in all kinds of earth work such as spade work, pick work, jumper work saturated /un saturated soil blasting work and chiseling/wedging out of rocks where blasting work prohibited up to all depth and lifts including pumping and bailing out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into the plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated material within all leads and lifts, useful material available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in Charge.	167.7	Cum		
3	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	0.71	Cum		
4	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	5.58	Cum		
5	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts:				
	a) Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts	2.29	Sqm		

	b)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	84.95	Sqm			
6	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:					
	a) Foundation,footing basis of columns & the likeand mass concrete.	3.56	Cum			
	b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	6.2	Cum			
7	Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work					
	a) Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels	0.14	Cum			
8	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.:	711	Kg			
9	Laying, jointing and testing in trenches galvanized mild steel screwed and socketed /flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes (Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: (LR):					
	50mm	18	Rmt			
	100mm	400	Rmt			
10	Providing & Fixing Full way Gun Metal Wheel valve with hand wheel complete in all respect. 50mm dia	3	Each			

TERMS AND CONDITIONS:-

Total

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST,Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement e shall be issued by the department @ 5900 /- Per Tonne and Steel @4950 /- Per Qtl at I&PH Divisional storeSarnali Karsog .

Executive Engineer,
IPH Divison Karsog.

SCHEDULE OF QUANTITY

Name of Work:- Providing LWSS to PC Hab. Mahunag in GP Mahunag Tehsil Karsog Distt Mandi HP (SH:- C/O RCC Sump Well 75000 Ltrs Cap.at 1st Stage)		ESTIMATED		241293.00	
		EARNEST		4826.00	
		TIME LIMIT:		3 Months	
Sr. No.	Items of work	Quantity	Unit	Rate	Amount
1	2	3	4	5	6
1	Cutting in all kinds of soil such as kankar, moorum, shingle boulders decomposed of soft rock or any such mixed in other variety of soil or rocks, including filling in embankments where necessary including ramming and watering etc. stacking of serviceable materials at the place specified by the Engineer-in-Charge including all leads and lifts wherever or for what purpose required with in all lead and lift .	75.25	Cum		
2	Excavation in foundation trenches etc. in all kinds of earth work such as spade work, pick work, jumper work saturated /un saturated soil blasting work and chiseling/wedging out of rocks where blasting work prohibited up to all depth and lifts including pumping and bailing out water where ever required stacking the excavated earth not more than 3mtrs.clear from the edge of excavation and then returning the stacked soil in 15cm.layers when required into the plinth sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated material within all leads and lifts, useful material available from excavation to be properly stacked and handed over free of cost to the department as per direction of the Engineer-in-Chargewith in all lead and lift ..	46.08	Cum		
3	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate of 40mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	7.37	Cum		
4	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4mtrs.and removal of the same for in situ reinforced concrete and plain concrete work including all leads and lifts:				
	a) Flat surface such as soffits and suspended floors, roofs, landings and the like: Floors etc. up to 200mm in thickness within all leads and lifts	27.82	Sqm		
	b)Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	120.92	Sqm		

5	Providing and laying cement concrete 1:1 ½ :3(1cement:1 ½ sand:3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work including all leads and lifts:					
	a) Foundation,footing basis of columns & the likeand mass concrete.	5.74	Cum			
	b) Walls (any thickness) but not less that 0.10 Mtrs. hick including attached pilasters buttresses plinth and string course from top of foundation upto floor two levels.	8.63	Cum			
6	Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work with in all lead and lift .					
	a) Suspended floors, roofs, landings, shelves and their supports balconies, beams girders bressumers and cantilevers upto floor two levels	1.32	Cum			
7	Providing & Laying mild /tor steel reinforcement for RCC. work including bending, binding and placing in position complete up to floor two level including all leads and lifts.:	1219	Kg			
8	Manfacuturing,supplying,Fabrication and fixing of MS fabricated Protection Pannel 650 mm x 650 mm made ms Angle 35 x 35 mm frame , Ms Angle 25 x 25 x 3 mm fore cover, sliding door bo;lt and Ms Sheet (12 gauge mm thick for protection of manhole covers of storage tanks including the cost of cutting and welding of MS Angle Flat& Ms Sheet , embedding in RCC slab by drilling hol,es in MS angle and in RCc slab, Provision for providing Handle 100 mm, Lock piano hinges and applying a priming coat red oxide paint & painting two coat with steel paint (Firoza Blue) complete job in all respect in all leads and lifts and to the entire satisfaction of the Engineer In Chargewith in all lead and lift ..	1	Each			
9	Laying, jointing and testing in trenches galvanized mild steel screwed and socketed /flanged pipes of following diameter and class, tube fittings in trenches i/c carriage of pipes (Earth work in trenches to be measured and paid for separately) complete in all respect and to the entire satisfaction of the Engineer-in-charge: (LR) : with in all lead and lift .					
	50mm	16	Rmt			
10	Providing & Fixing Full way Gun Metal Wheel valve with hand wheel complete in all respect. 50mm dia	1	Each			
11	Providing & Fixing sand cast iron / cast iron spun spigot and socket soil , waste and ventilating pipe(lead choked joints to be measured and paid for separately. 100 mm nominal size.with in all lead and lift .	2	Each			

12	Providing and fixing sand cast iron / cast iron spun fittings cast iron cowl 100 mm dia.with in all lead and lift .	1	Each			
TERMS AND CONDITIONS:-						Total

- 1 Work will be carried out as per HP.PWD/IPH Specifications
- 2 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 3 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 4 Income tax, GST,Labour Cess & security will be deducted from each bill of the contractor as applicable .
- 5 Cement e shall be issued by the department @ 5900 /- Per Tonne and Steel @ 4950 /- Per Qtl at I&PH Divisional store Sarnali Karsog .

Executive Engineer,
IPH Divison Karsog.