

**SCHEDULE OF QUANTITY**

<b>Name of Work:-</b> Remodeling of LIS Shakra in GP Shakra, Tehsil Karsog, Distt. Mandi HP (SH: Laying, Jointing of MSERW pipe of 200 mm dia and C/O 5 Nos of RCC Chamber for scouring of Desilting tank)					<b>ESTIMATED</b>	<b>455966.00</b>
					<b>EARNEST</b>	<b>9119.00</b>
					<b>TIME LIMIT:</b>	<b>3 Month.</b>
<b>Sr. No.</b>	<b>Items of work</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	
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.	120.43	Cum			
2	Providing and laying cement concrete 1:3:6(1cement:3sand:6graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work including all leads and lifts: a) Foundation and Plinth.	2.45	Cum			
3	Providing and laying reinforcement cement concrete 1:1 1/2:3(1cement:1 1/2sand: 3graded stone aggregate of 20mm nominal size)and curing complete excluding cost of form work and reinforcement for reinforced concrete work i) walls (any thicknessbut not less then 0.1 m including attached pillasters,plinth and string courses and the like.	5.95	Cum			
4	Providing and laying reinforcement cement concrete 1:2:4(1cement:2sand: 4graded 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 Suspended floors, roofs,	7.2	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:					
	<b>a)</b> Vertical surfaces such as walls (any thickness)portions and the like including attached pilaster buttresses plinth and string course and the like	36	Sqm			
	<b>b)</b> Flat surface such as soffits of suspended floor ,roofs landings and the like :i) Floor etc .up to 20 mm in thickness	28.8	Sqm			

6	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.: a) Tor steel	390	KG			
7	Providing and laying reinforcement cement concrete 1:2:4(1cement:2sand:4graded 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 Suspended floors, roofs,	0.70	Cum			
8	Providing and fixing cast iron sluice valve (IS14846:2000) 150 mm dia nominal size in all leads and lifts.	5.00	Nos			
9	Manufacturing, Supplying, Fabrication and Fixing of MS Fabricated Protection Panel 750 mm x750mm made with MS Angle 40 x40 x4 mm for frame, MS Angle 30x30 x3 mm for cover. MS Flat 25 x5mm for fixing of sliding door bolt and MS Sheet( 12gauge) 2.50 mm thick for protection of manhole covers of storage tanks including the cost of cutting and welding of MS angle & in RCC slab, by drilling holes in MS angle & in RCC slab, provision for providing and fixing sliding door bolt 300 x16mm MS Handle 100 mm, Lock and applying a coat of red lead 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 Charge.	5.00	Nos			
10	Laying, jointing & testing in trenches to be levelled to grade MSREW flanged pipe of 200mm dia conforming to IS 1978:1962 (latest with upto date ammendmnts) having minimum wall thickness 4.00mm suitable to withstand hydraulic test pressure as per the site requirement of steel grade YST-210 jointed with flanges conforming to table IS 3589-91 in all respect to the best satisfaction of the Engineer-in-Charge.	132.00	Rmt			
<b>TERMS AND CONDITIONS:-</b>						<b>Total</b>

- 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 1% Income tax, 2% GST, 1% Labour Cess & 10% security will be deducted from each bill of the contractor
- 5 Cement shall be issued by the department @ 4940 /- Per Tonne at I&PH Divisional store Sarnali Karsog .

Executive Engineer,  
IPH Divison Karsog.

**SCHEDULE OF QUANTITY**

<b>Name of Work:-</b> Providing LWSS to NC/PC Habitation Karla Bhartha in GP Dhanyara, Tehsil Nihri, Distt. Mandi (HP) (SH:- P/F Barbed Wire fencing around the civil structure)					<b>ESTIMATED</b>	<b>161670.00</b>
					<b>EARNEST</b>	<b>3233.00</b>
					<b>TIME LIMIT:</b>	<b>3 Month.</b>
<b>Sr. No.</b>	<b>Items of work</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
1	Manufacturing and Supplying of fencing panel of size 2.40mx1.80 m of Jali 25X25mm welded to M.S.black tube of 32mm dia of 14 gauge thick with M.S Flats 20X3mm, including cutting welding, painting with red oxide paint , including hold fast of size 32x5mm flat complete in all respects the jali of 25x25mm should be fixed in 1.80x1.20m. Rendering smooth in Cement concrete 1:4:8 Complete the work should be executed as per the entire satisfaction of the Engineer In charge	40.00	Nos.			
2	Providing Steel work in single sections, i/c cutting,hoisting & fixing in position & applying a priming coat of red paint :-In R.S. joints Channel tees as per direction and satisfaction of the Engineer in Charges with in all leads and lifts .	0.91	Qtl			
<b>TERMS AND CONDITIONS:-</b>					<b>Total</b>	

- 1 The work shall be executed as per PWD/IPH specifications and to the entire satisfaction of the Engineer-in-Charge.
- 2 Cement & Steel will be issued to the contractor by the Deptt. Cement @ 4940/-P.Tonne & Steel Rs.4950/-P/Qtl from IPH Divisional Store Karsog.
- 3 The contractor shall be responsible for watch and ward the material at site of work.
- 4 The final payment will be made after the successful testing of the work.
- 5 Nothing shall be paid for rejected work / below specifications.
- 6 10% security 1% income tax and 1% labour cess shall be deducted from each bill.

Executive Engineer,  
IPH Divison Karsog.

**SCHEDULE OF QUANTITY**

<b>Name of Work:-</b> Providing LWSS to NC/PC Habitation Karla Bhartha in GP Dhanyara, Tehsil Nihri, Distt. Mandi (HP)(SH:- C/O RCC Circular Sum Well/Clear Water Tank 35000 ltrs. Capacity).						<b>ESTIMATED</b>	<b>332385.00</b>
						<b>EARNEST</b>	<b>6648.00</b>
						<b>TIME LIMIT:</b>	<b>3 Months</b>
<b>Sr. No.</b>	<b>Items of work</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>		<b>Amount</b>	
<b>1</b>	<b>2</b>	<b>3</b>		<b>4</b>		<b>5</b>	
1	Excavation in foundations, trenches etc. in earth work, lift up to 1.50 mtrs. stacking the excavated soil not more than 3 mtrs. clear from the as of excavation and then returning the excavated soil in 15 cm. layers when required into plinths sides of foundations etc., consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated soil as directed within a lead of 20 mtrs.- P-J Work.	39.25	Cum				
2	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in:- Foundation and Plinth.	2.29	Cum				
3	Providing and laying cement concrete in M30 grade but not leaner than 1:1:2 ( 1 cement : 1 sand : 2 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work in:-						
	i) Foundation and Plinth.	3.92	Cum				
	ii) Walls (any thickness but not less than 0.1 m thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level up to floor two level.	8.11	Cum				
4	Providing and laying cement concrete 1:1½:3 ( 1 cement : 1½ sand : 3 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work & reinforcement for reinforced concrete work in:-						
	i) Suspended floors roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilever up to floor two levels.	3.04	Cum				
5	Providing mild steel/tor Steel reinforcement for R.C.C work including bending , binding and placing in position complete up to floor two level.	1686.00	Kg				
6	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 i/c centring ,shuttering, strutting and propping etc. with wooden battens & ballies, ht. of propping & centring below supporting floor to ceiling not exceeding 4 mtrs. & removal of the same for insitu-reinforced concrete work in :						
	i) Foundation , footing, basis of columns & the like and mass concrete.	3.39	Sqm				
	ii) Vertical surfaces such as walls ( any thickness ) partitions and the like including attached pilasters , buttresses, plinth and string courses and the like .	81.09	Sqm				
	iii) Flat surfaces such as soffits and suspended floors, roofs , landing and the like:-	49.69	Sqm				

7	P/F precast concrete man hole cover and frame, conforming to IS-12593-Part-I-1888 and IS 12592-Part-II,1991 500mm diameter , Medium duty.	1.00	Nos.			
8	Providing and laying in trenches, GMS Tubes (Light Grade), Tube fittings (earth work in trenches to be measured and paid for separately).					
	(a) Inlet pipe - 50mm dia	3.00	Rmt			
	(b) Outlet pipe - 50mm dia	3.00	Rmt			
	(c) Scour pipe - 50mm dia	6.00	Rmt			
9	Providing & Fixing cast iron sluice valve (with hand wheel ) as per IS :780 Class-1 upto 300 mm dia (including brass spindelled as per IS:2906 class-II for diameter more than 300 mm complete with bolts, nuts, rubber insertion etc. ( The tail pieces if required shall be measured and paid for saperately)					
	a) Inlet, Outlet 7 scour Valve 50mm	3.00	Rmt			
10	Steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint :- in grating , framed, guard bar, ladder, railings brackets and similar work.	5.29	Qtl			
11	Manufacturing,supplying,Fabrication and fixing of MS fabricated Protection Pannel 750 mm x 750 mm made ms Angle 40 x 40 x4 mm frame , Ms Angle 30 x 30 x 3 mm for 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 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 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 Charge.	1.00	Each			
<b>Total</b>						

**TERMS AND CONDITIONS:-**

- 1 The Work will be carried out as per HP.PWD/IPH Specifications
- 2 GI pipe will be issued to the contractor by the Department free of cost at IPH Divisional Store Karsog with proper Indent..
- 3 The contractor shall be responsible himself for watch and ward of material at site of work issued to him by the department
- 4 Final payment shall be released after successful testing and entire satisfaction of the Engineer-in-Charge
- 5 1% Income tax ,2% G.S.T. 1% Labour cess and 10 % Scourity will be deducted from each bill of the contractor .
- 6 Nothing shall be paid for rejected work/substandard work.

Executive Engineer,  
IPH Divison Karsog.