

SCHEDULE OF QUANTITY

Name of work:-Aug. of LWSS to Harizan Basti Khairni in village Palhori in Tehsil Paonta Sahib Distt. Sirmour (HP)
(SH:-C/o Pump House) in Gada Basti.C/O storage tank , Laying & jointing of Rising Main & dirtribution system).

Estimated Cost :-Rs. 315662/-

Earnest Money :-Rs.6350/-

Time:- Three months.

Sr.No.	Description	Qty.		Rate	Unit	Amount
1	Excavation in foundation and trenches etc.in earth work in all kinds of soil such as pick work ,jumper work decomposed conglomerate saturated soil soft and hard rock upto all leads lifts stacking the excavated soil not more than 3mtr.clear from the edge of excavation and then returning the stacked soil in consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated earth as directed with in all leads lifts and as per directions of the Engineer-in-charge	25.05	Cum		P/Cum	
2	Providing and laying cement concrete 1:6:12(1cement:6sand:12 graded stone agg.40mm nominal size)and curing complete excluding the cost of form work in foundation & plinth including all leads lifts and carriage of material and as per the directions of Engineer-in-charge.	1.30	Cum		P/Cum	
3	Ist Class brick work using common building bricks in foundation & plinth in Cement Mortar 1:4(1cement:4sand) in all leads lifts and carriage etc. as per direction of Engineer inchrge.	6.10	Cum.		P/Cum	
4	Providing and laying RCC work1:2:4(1cement:2sand:4graded stone agg. 20 mm nominal size)and curing complete excluding the cost of form work in Reinforcement for RCC work in foundation and plinth including all leads,lifts and carriage of material and as per directions of Engineer-in-charge.	2.51	Sqm.		P/Sqm.	
5	Ist Class brick work using common building bricks in Super structure in Cement Mortar 1:6(1cement:6sand) in all leads lifts and carriage etc. as per direction of Engineer incharge.	5.82	Cum.		P/Cum	
6	Providing form work with steel sheets 3.15mm thick welded with angle iron 30x30x5 mm so as to give rough finish i/c centring shuttering structing and propping etc. with wooden bettens & Ballies, height or propping & centering below supporting floor to ceiling not exceeding 4 mtr.and removal of the same for insitu RCC work and PCC work.including all leads lifts and carriage of material at site & as per direction of Engineer incharge in:-					
	a) Flat surfaces such as soffits and suspended floors, roofs landing and the like floors etc. up to 200 mm in thickness.	19.58	Sqm.		P/Sqm	
7	Providing and laying reinforced cement concrete 1:2:4(1cement :2app.sand: 4app. graded stone agg.20mm nominal size)and curing complete excluding cost of form work & reinforcement in suspended floors, roofs, shelves & supports, balconies beams etc. upto floor in two level in all height and depth including all leads lifts & carriage of material at site and as per direction of the Engineer-incharge.	2.14	Cum		P/Cum	

8	Providing mild steel/tor steel for reinforcement for RCC work including bending binding and placing in position complete upto floor two level the Engineer-in-charge.	325.50	Kg		P/kg	
9	20 mm thick cement plaster in single coat of rough side of bricks/stone masonry for interior plastering upto floor two level including arrises internal rounded angles chamfers rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:6(1cement:6 sand) and curing complete including all leads lifts and carriage of materials at site as per direction of Engineer-in-charge.	63.05	Sqm		P/Sqm	
10	6 mm thick cement plaster in ceiling in Cement mortar 1:3 (1 cement:3 sand) including all leads lifts and carriage of material at site as per direction of Engineer incharge.	17.38	Sqm		P/Sqm	
11	Providing fixing pressed steel door frames manufactured from commercial mild steel of1.25mm thickness including hinges,jump lock bud and if required angle threshold of M.S. angle 50x25mm or base tie of 1.25mm pressed steel I/c welding complete Including steel hinges 2.5mm thick with guard lock strick plate and apply a coat of approved steel primer affect pre-treaditional of surface in all leads lifts and carriage of materials as per direction of Engineer incharge.					
	Profile-"A"	21.50	Rmt.		P/Rmt	
	Profile "B"	6.60	Rmt.		P/Rmt.	
12	Providing and fixing 1mm thick MS sheet sliding shutters with frame and diagonal braces of 40x40x6,, angle iron 3.15mm MS gusset plates at junction and corners 25mm dia pulley 40x40x6mm angle and T iron side at the top and bottom respectively including applying a priming coat of red lead complete in all respect and as per direction of the Engineer-in-charge.	6.03	Sqm.		P/Sqm.	
13	Filling in plinth with sand under floors including watering ramming consolidating and dressing complete.	0.94	Cum		P/Cum.	
14	Providing and laying cement concrete 1:4:8(1cement:4sand:8 graded stone agg.40mm nominal size)and curing complete excluding the cost of form work in foundation & plinth including all leads lifts and carriage of material and as per the directions of Engineer-in-charge.	0.63	Cum.		P/Cum	
15	40mm thick cement concrete flooring 1:2:4 (1cement:2sand: 4 graded stone agg. 20mm nominal size)laid in one layer finished with a floating coat of neat cement including curing all leads, lifts and carriage of materials at site and as per direction of Engineer incharge	6.25	Sqm		P/Sqm	
16	Providing and fixing on wall face C.I. rain water pipes 100mm dia including filling the joints with spun yarn soaked in neat cement slurry & cement mortar 1:2 (1 cement :2sand) i/c Clamps including all leads lifts and carriage of material as per direction of Engineer incharge.	7.00	Rmt		P/Rmt	

17	Applying priming coat over new steel and steel based surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter with ready mixed paint brushing with white lead for priming including all leads lifts and carriage of material as per direction of Engineer incharge.	18.48	Sqm		P/Sqm	
18	Painting two coats (excluding priming coat) on new steel and steel based with surfaces with ready mixed paint other then white brushing to give an even shade including cleaning the surface of dirt dust and other foreign matter,sand papering and stopping. Including all leads lifts and carriage of material at site as per direction of Engineer incharge.	34.13	Sqm		P/Sqm	
19	White washing with lime on undecorated wall surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt dust mortor drops and loose scale of lime wash and other foreign matter including all leads lifts and carriage of material at site as per direction of Engineer-incharge.	80.43	Sqm		P/Sqm	
20	Providing plinth protection 50mm thick in cement concrete 1:3:6(1cement: 3sand: 6graded stone agg.20mm nominal size in all leads,lifts and carriage of material and as per direction of Engineer incharge.	13.90	Sqm		P/Sqm	
21	Prov.40x3mm flat iron hold fast 40cm long including fixing to frame with 10mm dia metre bolts,nuts and wooden plugs and embedding in cement concrete block 30x10x15cms 1:3:6 (1cement: 3sand: 6 graded stone agg.20mm nominal size)including all leads,lifts & carriage of material as per direction of the Engineer incharge.	20	Nos		each	
22	Providing and fixing tower bolts aluminium (barreled type) anodized transparent or dyed to required shade & colour screws complete including all leads, lifts and as per direction of Engineer incharge.					
	a)200x10mm	32	Nos		each	
23	Provd.& fixing aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. complete including all leads lifts & carriage of material at site as per direction of Engineer incharge.					
	a)125mm	4	Nos		each	
	b)100mm	4	Nos		each	
24	Provd.& fixing Sliding door bolts anodized transparent or dyed to required colour or shade with necessary screws etc. complete including all leads lifts & carriage of material at site as per direction of Engineer incharge. 250x16mm	3	Nos		each	

25	Providing, fixing M.S. Fan clamps type-I 16mm dia M.S. bar bent to shape with hooked ends in RCC slab cutting, laying including painting the exposed portion of loop as per standard drawing and design complete in all respect including all leads lifts and carriage of material as per direction of Engineer incharge.	1	No.		each	
26	Providing fixing M.S.grills of required pattern in wooden frames/pressed steel frame with M.S. flat surface round bars 12mm dia with round headed bolts and nuts or by screws .Plain grill including all leads lifts and carriage of material as per direction of Engineer incharge.	35.78	Kg.		P/kg.	
27	Excavation in drains & channel etc.in earth work in all kinds of soil such as pick work ,jumper work blasting work, decomposed conglomerate saturated soil soft and hard rock including dressing of sides and beds and preparation of sub grade to level or slope including refilling the trenches and disposing of surplus earth upto all leads,lifts disposed earth to be levelled and neatly dressed including jungle clearance and as per directions of the Engineer-incharge	309.19	Cum		P/Cum	
28	Laying and jointing in trenches f G.M.S.Medium grade following dia meter (earth work in trecnehs to be meaasured & paid for separaetly including all leads,lifts and carriage of material and as per direction of Engineer-in-charge 32mm dia (M)GMS pipe.					
	i) GI Pipe 32mm dia (M)	300	Rmt.		P/Rmt.	
29	Laying and jointing in trenches G.M.S.Medium grade following dia meter (earth work in trecnehs to be meaasured & paid for separaetly including all leads,lifts and carriage of material and as per direction of Engineer-in-charge 32mm dia (M)GMS pipe.					
	i) GI Pipe 25 mm dia (L)	646	Rmt.		P/Rmt.	
	ii) GI Pipe 32mm dia (L)	1375	Rmt.		P/Rmt.	
	iii) GI Pipe 40mm dia (L)	560	Rmt.		P/Rmt.	
	iv) GI Pipe 65mm dia (L)	240	Rmt.		P/Rmt.	
30	Providing and fixing Peet valve with wheel of superior quality of the following dia metres complete in all respect.					
	i) GI Pipe 25 mm dia (L)	3	Nos.		Each.	
	ii) GI Pipe 32mm dia (L)	2	Nos.		Each.	
	iii) GI Pipe 40mm dia (L)	2	Nos.		Each.	
	iv) GI Pipe 65mm dia (L)	2	Nos.		Each.	
31	Providing and laying cement concrete 1:4:8(1cement:4sand:8 graded stone agg.40mm nominal size)and curing complete excluding the cost of form work in foundation & plinth including all leads lifts and carriage of material and as per the directions of Engineer-in-charge.	2.34	Cum		P/Cum	

32	Providing and laying cement concrete work 1:1 1/2:3 (1cement:1 1/2 sand: 3 graded stone agg. 20mm nominal size & curing complete) excluding cost of form work and reinforcement for RCC work including all leads lifts complete and carriage of material etc. as per directions of Engineer incharge.					
	i) In foundation and Plinth	1.99	Cum.		P/Cum.	
	ii) In vertical walls any thickness but not less than 0.10 Metres.	4.38	Cum.		P/Cum.	
33	Providing and laying cement concrete 1:2:4(1cement:2app.sand: 4 app. graded stone agg. 20mm nominal size)and curing complete excluding cost of form work & reinforcement for reinforced work in suspended floors, roofs landing shelves and their supports balconies, beams, girders bressumers and cantilivers upto to floor two level in all height and depth, including all leads lifts and carriage of material at site and as per direction of the Engineer-incharge.	1.67	Cum		P/Cum	
34	Providing form work with steel sheets 3.15mm thick welded with angle iron 30x30x5 mm so as to give rough finish i/c centring shuttering structing and propping etc. with wooden bettens & Ballies, height or propping & centering below supporting floor to ceiling not exceeding 4 mtr.and removal of the same for insitu RCC work and PCC work.including all leads lifts and carriage of material at site & as per direction of Engineer in charge in:-					
	a) Flat surfaces such as soffits of suspended floor roofs landing and like upto 200mm in thickness.	7.84	Sqm.		P/Sqm.	
	ii) In vertical walls any thickness but not less than 0.10 Metres.	17.60	Sqm.		P/Sqm.	
35	Providing Mild Steel/Tor steel reinforcement including bending binding & placing in positing I/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge.	804.00	Kg.		P/kg	
36	Providing and fixing of Cast Iron manhole cover for storage tank 23 Kg. weight complete in all respect.	1.00	No.		Each.	
	TERMS AND CONDITIONS:-				Total:-	

- 1 The work shall be executed as per IPH/PWD specification and instructions of the Engineer-in-charge.
- 2 Security,Sale tax & Income tax shall be deducted as per rules.
- 3 Cement shall be issued @Rs.315/-P.bag & steel @Rs.53/- P.kg.at IPH Store Bhatanwali Paonta Sahib.
- 4 Empty cement bags shall be returned to the Deptt.otherwise Rs.2/-per bag shall be deducted from the bill.
- 5 Royalty certificate in respect of stone aggregate sand etc.shall be produced by the contractor.
- 6 GI Pipes shall be issued free of cost from IPH store Bhattanwali Paonta Sahib.
- 7 In addition to Normal security 5% will be withheld for want of testing and release after successful testing .

Executive Engineer,
I&PH Division,
Paonta Sahib (HP)