

SCHEDULE OF QUANTITY						Job No.1	
Name of work:- Providing LWSS to NC/PC Habitation from Uhl River to Tung and Bijan in Tehsil Sadar Distt Mandi HP						Estimated Cost:- Rs. 363793/- only	
(SH:- C/O Chowkidar Room, C/O Septic Tank with Providing water supply, sanitary fitting and electrical installation at 2nd stage).						Earnest Money:- Rs. 7300/- only	
						Time Limit:- Three Months.	
S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Excavation in foundation and trenches in earth work upto all depth in all kinds of soil such as pick work jumper work,blasting work,chiselling of soft /hard rock where blasting is prohibited in all leads and lifts and including trimming of sides levelling of bed to correct grade stacking the excavated soil in 15cm.layers when required into plinth sides of foundation including consolidating each deposited layer by ramming and watering and then disposing oof all surplus excavated soil as directed in all leads and lifts and soring/strutting timbering and dewatering where ever required to the entire satisfaction of the Engineer-in-Charge.	18.630	Cum			Per Cubic Metre	
2	Providing and laying cement concrete 1:4:8(1cement:4 sand: 8 graded stone aggregate 40 mm nominal size) and curing complete excluding the cost of form work in foundation and plinth in all leads and lifts.	1.180	Cum			Per Cubic Metre	
3	Providing and laying cement concrete 1:1.5:3 (1cement:1.5 sand: 3graded stone aggregate 20 mm nominal size)and curing complete excluding the cost of form work and reinforcement in:-						
(i)	Basis of foundations & footings of columns in all leads and lifts	4.185	cum			Per Cubic Metre	
(ii)	Columns, pillars, posts & struts etc. square or rectangular in plan in all leads and lifts.	1.098	cum			Per Cubic Metre	
(iii)	Beams,cantilivers,girders and lintels sides and soffits of beams,beam haunchings, cantilivers , girders, bressumers and lintels not exceeding 1 metre in depth in all leads and lift.	3.996	cum			Per Cubic Metre	
4	Providing and laying cement concrete 1:6:12 (1 cement:6 sand: 12 graded stone aggregated 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth.	1.040	Cum			Per Cubic Metre	

5	Random rubble masonry/polygonal rubble masonry (uncoursed brought in to courses) with hard stone of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement:6 sand: 12 graded stone aggregate 20mm nominal size) at plinth level in cement mortar 1:6 (1cement:6 sand)in all leads and lifts.	7.290	Cum			Per Cubic Metre	
6	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.	937.340	Kg			Per Kilogramme	
7	Providing and laying cement concrete 1:2:4 (1cement:2 sand: 4graded stone aggregate 40 mm nominal size)and curing complete excluding the cost of form work and reinforcement 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 and lifts.	1.461	cum			Per Cubic Metre	
8	Providing form work with steel plates 3.15mm thick welded with angle iron in frames 30x30x5mm so as to give a fair finish including centering ,shuttering, propping etc. 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	Flat surfaces such as soffits of suspended floors, roofs, landings and the like Floors etc. up to 200mm in thickness.	5.040	Sqm			Per Square Metre	
ii	Basis of foundations & footings of columns in all leads and lifts.	3.190	Sqm			Per Square Metre	
iii	Columns, pillars, posts & struts etc. square or rectangular in plan in all leads and lifts.	10.570	Sqm			Per Square Metre	
iv	Beams,cantilivers,girders and lintels sides and soffits of beams,beam haunchings, cantilivers , girders, bressumers and lintels not exceeding 1 metre in dept in all leads and lifts	37.990	Sqm			Per Square Metre	
9	Providing wood work in frames of doors, window, clerestory windows and other frames wrought, ramed & fixed in position in all leads and lifts.	0.119	cum			Per Cubic Metre	
10	Providing and fixing panned glazed or panelled and glazed shutters for doors, windows and clerestory windows,including black enamelled iron butt hinges with necessary screws. 40 mm thick.2nd class deodar wood in all leads and lifts..	9.150	Sqm			Per Square Metre	

11	Brick work using common burnt clay building bricks in super structure above plinth level upto floor two level 2nd class bricks cement mortar 1:6(1cement:6sand). In all leads and lifts.	1.359	cum			Per Cubic Metre	
12	Half brick masonry in common burnt clay building bricks in cement mortar 1:4 (1 cement 4 sand) 2nd class bricks	1.800	Sqm			Per Square Metre	
13	20 mm cement plaster in single coat on rough side of brick/concrete stone walls for interior plastering up to floor two levels including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80 mm in girth and finished even and smooth in cement mortar 1:6 (1 cement:6 sand) in all leads and lifts.	11.130	Sqm			Per Square Metre	
14	6 mm cement plaster to ceiling in CM 1:3 (1Cement :6 Sand) in all leads and lifts.	29.920	Sqm			Per Square Metre	
15	50 mm thick cement concrete 1:2:4 (1cement:2 sand: 4graded stone aggregate 40 mm nominal size)and curing complete excluding the cost of form work in all leads and lifts.	16.000	Sqm			Per Square Metre	
16	Providing and fixing precastconcrete manhole cover and frame conforming ti IS-12593-Part-1 1988 and IS 12592, part-II, 560 mm dia medium duty.	1.000	Nos.			Each	
17	Providing and fixing automatic flushing cistern with a pair of CI or MS bracket complete with fitting including CI Syphonic apprature masquits proof lid, CP brass unions and coupling for connecting with inlet outlet and over flow pipes including cutting holes and making good the same Over flow pipe to be measured and paid for seperately (Viterous china 5 liters capacity)	1.000	Nos.			Each	
18	Providing and fixing vitreous china wash down water closet (Anglo Indian, W.C pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement 1 sand) (Seat and cover to be measured and paid for separately) (White colour)	1.000	Nos.			Each	
19	Providing and fixing plastic seat (Solid/Hollow type) and cover for wash down water closet with C.P. brass hinges and rubber buffers :- solid type white plastic seat and cover in all leads and lifts.	1.000	Nos.			Each	
20	Providing and fixing 100 mm size P or S trap for water closet (Squatting Pan) including jointing the trap with the pan and soil pipe in cement mortar 1:1 (1cement : 1 sand) Sand cast iron	1.000	Nos.			Each	
21	Providing & fixing viterious china wash basin with single hole for pillar tap with CI or MS bracket painted white including cutting hole including good the same excluding fitting Cera sanitary work (cornet) white 550x400 white	1.000	Nos.			Each	

22	Providing and fixing vitreous china pedestal for wash basin complete recessed at the base for reception of pipe and fittings Cera sanitary work (carnet) white (Vitreous China in White Colour)	1.000	Nos.			Each	
23	Providing and fixing 600x450mm bevelled edge mirror of superior glass marked on 6mm thick AC sheet or plywood sheet and fixed to wooden plug with CP brass screws and washer in all leads and lifts.	1.000	Nos.			Each	
27	Providing and fixing vitreous china squatting plate pattern urinal pot of size 450 mm x 350 mm with integral longitudinal flush pipe .	1.000	Nos.			Each	
25	Providing and fixing angle cock chrome plate.	1.000	Nos.			Each	
26	Providing and Fixing of water storage tank sintex having of capacity 500 liters with necessary fittings including over flow pipes, scour pipes etc. inlet and outlet and inside paint of required size for inlet or outlet and inside paint of approved quality complete including hoisting complete in all respects.	1.000	Nos.			Each	
27	Providing and Fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete 110 mm dia.	10.000	Rmt.			Per Running Metre	
28	Providing and Fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved etc. complete 110 mm dia.	4.000	Nos.			Each	
29	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fittings and clamp including making good the wall ceiling and floor in all leads and lifts.) 15 mm nominal bore	25.000	Rmt.			Per Running Metre	
30	Providing and fixing full way wheel valve 15 mm dia Gun metal.	2.000	Nos.			Each	
31	Providing and fixing C. I cowl 100 mm dia .	1.000	Nos.			Each	
32	Providing and fixing brass bib tap with capston head.15 mm diameter.long nose Chrome plate in all leads and lifts.	3.000	Nos.			Each	
33	Providing and fixing CP brass soap dish with CP.brass bracket fixed to wooden cleats with CP.brass screws.chrome plate in all leads and lifts.	2.000	Nos.			Each	
34	White glazed tiles 6 mm thick in wall, treads of steps and landing laid on bed 20mm thick cement mortar 1:3 (1cement : 3 sand) finished with flush pointing in white cement in all leads and lifts.	6.480	Sqm			Per Square Metre	
35	White glazed tiles 6 mm thick in skirting, riser of steps and dado 12mm thick cement mortar 1:3 (1cement : 3 sand) finished with flush pointing in white cement in all leads and lifts.	1.440	Sqm			Per Square Metre	

36	Distemping dry distemper of approved brand and manufacturer(Two coats) and of required shade on undecurated wall surface to give an even shade over and including primer coat of whitening after thoroughly brushing the surface free from mortar droppings and other foreign matter including preparing the surface even and sand papered smooth in all leads and lifts.	165.970	Sqm			Per Square Metre	
37	Applying priming coat on new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil,greese,dirt and other foreign matters,sand papering and knotting.Ready mixed paint brushing wood primer pink in all leads and lifts.	16.740	Sqm			Per Square Metre	
38	Painting two coats (excluding priming coat) on new wood and wood based surfaces,with enamel paint to give an even shade including cleaningthe surface of dirt ,dust and other foreign matters sand papering and stopping with readymade paint other than white in all leads and lifts.	16.740	Sqm			Per Square Metre	
39	Providing and fixing anodised aluminium sliding door bolts with bolts and nuts screws etc complete 250x16mm in all leads and lifts.	2.000	Nos			Each	
40	Providing and fixing anodised aluminium tower bolts(barrel type) with screws etc complete in all leads and lifts. 150x10mm	10.000	Nos			Each	
41	Providing 40 * 3 mm iron hold fast 40 cm long including fixing to frame with 10 cm dia bolts, nuts and wooden plugs and embending in c.c. block 30*10*15 cm 1:3:6 (1 cement:3 sand: 6 graded stone aggregate 20 mm nominal size in all leads and lifts.	14.000	Nos			Each	
42	Providing and fixing anodised aluminium handles with necessary screws etc complete 125mm in all leads and lifts.	9.000	Nos			Each	
43	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint :- In beams joists channels ,angles, tee, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like in all leads and lifts.	433.290	Kg			Per Kilogramme	

44	Providing and fixing 60 mm thick preprinted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) ornanic coating of 20 micrones over 5 micrones primer coating to back coat of polyester of 5 microns over 5 micrones primer coating i/c fixing with prepainted iron J or L hookstercm over all in plain with galvanised iron G.I Sheet fixed J or L hooks, bolts and nuts 6 mm dia metre with preprinted limpet and rubber washers complete with all accessories as required as per the direction of the Engineer-in-charge in all leads and lifts.	26.310	Sqm			Per Square Metre	
45	Providing and fixing 12 mm thick Plaster of paris (Gypsum unhydrous) ceiling tilesd up to 5 metres above floor level wooden frames and rendered smooth with plaster of paris (Frame work)to be measured and pid for separately) in all leads and lifts.	16.000	Sqm			Per Square Metre	
46	Providing ridges or hips 60 cm over all in plain with galvanised iron preprited steel Sheet fixed J or L hooks bolts and nuts 8mm dia G.I Limpet and bitumen washers complete 0.60 mm thick sheet in all leads andlifts.	10.120	Rmt			Per Running Metre	
47	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.						
	Group C.	5.000	Nos.			Each	
48	Wiring for circuit / sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.						
i	2 x 1.5 Sq. mm.	30.000	Meter			Per Metre	
ii	2 x 4.00 Sq. mm.	30.000	Meter			Per Metre	
49(i)	Supplying and fixing 3 pin 5/6 amps. Socket outlet on the exists switch box/covers including connections etc. as required.	1.000	Nos.			Each	
ii	Supplying and fixing 2 way 5/6 amps. Tumbler/piano type switch on the existing switch box on the switch box/cover including connections etc. as required.	5.000	Nos.			Each	
50(i)	Supplying and fixing 3 pin 15/16 amps. Socket outlet on the exists switch box/covers including connections etc. as required.	1.000	Nos.			Each	

ii	Supplying and fixing 15/16 amps. Tumbler/piano type switch on the existing switch box on the switch box/cover including connections etc. as required.	1.000	Nos.			Each	
51	Supplying and fixing wooden box of following size (nominal) on surface or recess with suitable size of phenolic laminated sheet cover of in front as required.						
i	229 mm.x 102 mm.x 60 mm. deep	1.000	Nos.			Each	
ii	203 mm.x152 mm.x 60 mm. deep	1.000	Nos.			Each	
52	Supplying and fixing ceiling rose on existing junction box/ wooden block including connections etc. as required.	1.000	Nos.			Each	
53	Supplying and fixing plain pendent with 16/20 mm twin twisted, flexible PVC insulated copper cable and bakelite pendant holder including connections, etc. as required.	2.000	Nos.			Each	
54	Supplying and Fixing 5 Amps to 32 Amps rating, 240 Volts, L series miniature circuit breaker of following poles in the existing MCBDB complete with connections, testing and commissioning etc. as required Cat - A. (Single Pole)	1.000	Nos.			Each	
55	Supplying and Fixing of following way, single pole and neutral, sheet steel, MCB distribution board, 240 Volts on surface/ recess, complete with tinned copper busbar, neutral link, earthbar, dibnbar, detachable gland plates, inter connections, i/c painting, earthing etc. as required busbar 8 way.	1.000	No.			Each	
56	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. (63 amp. CAT - A)	1.000	No.			Each	
57	Providing, installing, testing and commissioning of ceiling fan and regulator i/c wiring the down rod of standard length (upto 30 Cm with 1.5 Sqmm PVC insulated copper conductor single core cable etc. as required.Ceiling fan 1400 mm sweep category A	1.000	Nos.			Each	
58	Providing, installing, testing and commissioning of prewired fluorescent tube fittings complete with ballast starter and capacitors but excluding fluorescent tube fitting tube rod suitable to operate on 230 Volts, single phase AC Supply directly on surface with copper wiring as required (1X40 Watt box type category B)	1.000	Nos.			Each	
59	Supplying and Fixing of tube rod AL- 40 Watt on the existing tube fixture complete in all respect.	1.000	Nos.			Each	

60	Providing and fixing LED Flood light 50 Watt (OREVA Make) complete in all respect in all leads and lifts.	1.000	Nos.			Each	
61	Providing and fixing two core service wire 6 Sqmm thick.	30.000	Metre			Per Metre	
						Total:-	

Terms and Conditions.

- 1 The work should be executed as per PWD/IPH/Electrical Specifications and to the entire satisfaction of the Engineer-in-Charge.
- 2 Cement,Steel and D.I. pipes will be issued by the Department at IPH Divisional Store Raghunath Ka Padhar Mandi
- 3 The Contractor shall be responsible for watch and ward of material at site of work.
- 4 Nothing shall be paid for sub-standard/rejected work.
- 5 1% Labour cess will be deducted from the bill of the Contractor.
- 6 GST as applicable shall be born by the contractor.

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

SCHEDULE OF QUANTITY							Job No.2	
Name of work:- A/R and M/O to Sewerage Scheme Mandi Town.							Estimated Cost:- Rs. 777164/- only	
(SH:- Providing and Laying DI pipe and C/O RCC Plate Form, Pillars and Chamber along with Sukodhi Khad at near Mandav Hospital Mandi).							Earnest Money:- Rs. 16000/- only	
							Time Limit:- Three Months.	
S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.	
				In fig.	In Words.			
1	Excavation in foundation trenches etc.in earth work upto all depths in all kinds of soil such as pick work,jumper work,blasting and chiselling soft/hard rocks where blasting is prohibited in all leads and lifts including trimming and dressing of side levelling of bed to correct grade and returning the stacked soil in trenches in 15cm.layers by ramming and watering and then disposing of all surplus excavated soil as directed in all leads and lifts and soring strutting/timbering and dewatering where ever required including restoration of un- metalled/metalled paved surfaces of its original conditions including caution boards in all respect and to the entire satisfaction of the Engineer-in-Charge.	21.51	Cum			Per Cubic Metre		
2	Providing and laying cement concrete 1:4:8(1cement:4 sand:8 graded stone agg.40mm nominal size)and curing complete excluding cost of form work in foundation and plinth in all leads and lifts.	2.98	Cum			Per Cubic Metre		
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 centring, shuttering ,strutting and propping etc. with wooden battens and ballies height of propping and centring below supporting floor to ceiling in all heights and removal of the same for insitu reinforced concrete and plain concrete work in:-							
i	Foundation footing bases of columns etc and mass concrete in all leads and lifts.	9.72	Sqm			Per Square Metre		
ii	Columns pillars posts and struts in all leads and lifts.	72.60	Sqm			Per Square Metre		
iii	Vertical surfaces such as walls (any thickness) partition and the like including attached pillaster,buttresses plinth and string courses and the like in all leads and lifts.	22.80	Sqm			Per Square Metre.		

iv	Flat surfaces such as soffits of suspended floors, roofs, landings and the like floors etc. upto 200mm in thickness in all leads and lifts.	11.52	Sqm			Per Square Metre.	
v	Edges of slab and breaks in floors and walls under 20 cm wide in all leads and lifts.	428.80	Rmt.			Per Running Metre	
4	Providing laying cement concrete 1:1.5:3(1cement:1.5 sand:3 graded stone agg.20mm nominal size)& curing complete excluding the cost of form work and reinforcement for reinforced concrete work in:						
i	Foundation footing bases of columns etc and mass concrete in all leads and lifts.	5.27	Cum			Per Cubic Meter	
ii	Columns pillars posts and struts in all leads and lifts.	38.96	Cum			Per Cubic Meter	
iii	Walls (any thickness but not less than 0.1 m thickness) attached pillasters, buttresses, plinth and string courses, etc. from top of foundation level upto floor two level in all leads and lifts.	12.02	Cum			Per Cubic Meter	
5	Squarred rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints in cement mortar 1:3(1cement:3 sand)in all leads and lifts.	20.16	Cum			Per Cubic Metre	
6	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg.20mm nominal size)and curing complete excluding cost of form work in foundation and plinth in all leads and lifts.	2.11	Cum			Per Cubic Metre	
7	15mm thick cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto floor two level including arrises internal rounded angles chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:3(1cement:3 sand)in all leads and lifts.	22.40	Sqm.			Per Square Metre	
8	Finishing the cement plaster surface in float coat of neat cement slurry in all leads and lifts.	22.40	Sqm.			Per Square Metre	
9	Providing and laying cement concrete 1:2:4(1cement:2 sand:4 graded stone agg.20mm nominal size)and curing complete excluding cost of form work and reinforcement and reinforced concrete work in:-						
i	Suspended floors, roofs, landing and shelves and their support balconies, beams, girders, bressumers, and cantilvers upto floor two level in all leads and lifts.	5.44	Cum			Per Cubic Metre	

10	Providing tor steel reinforcement for RCC work including bending, binding and placing in position complete upto floor two level in all leads and lifts.	3375.00	Kg.			Per Kilogramme	
11	Fixing of Precast concrete manhole cover & frame conforming to IS-12593-1988, part-I and IS 12592-1991, part-II, 500mm diametre medium duty in all leads and lifts.	18.00	Nos			Each	
12	Laying, jointing and testing in trenches Centrifugally cast (Spun) ductile iron pipes conforming to BIS-8329-2000 (latest with up to date ammendments) in length of 5.50 mtr.class K7 with cement mortar lining in side duly ISI marked including cost of Tyton(Push or joints) fittings including testing of joints and rubber gasket(S&R quality) conforming to IS-92820-1989 (Earth work in trenches to be measured and paid for separately) in all leads and lifts.						
i	200mm dia	90.00	Rmt.			Per Running Metre.	
ii	250mm dia	170.00	Rmt.			Per Running Metre.	
13	Demolition above G.L. upto 1.50 meters depth and disposal of unserviceable material with in 20 metres lead un reinforcement cement concrete upto 15 cm thickness in all leads and lifts.	5.38	Cum.			Per Cubic Metre.	
14	Demolition of stone masonry below G.L. upto floor two level including stacking of servicable material and disposal of un- servicable material with in 20 meters lead Dressed Stone in Cement Mortor in all leads and lifts.	20.16	Cum			Per Cubic Metre.	
						Total:-	

Terms and Conditions.

- 1 The work should be executed as per PWD/IPH Specifications and to the entire satisfaction of the Engineer-in-Charge.
- 2 Cement, Steel and D.I. pipes will be issued by the Department at IPH Divisional Store Raghunath Ka Padhar Mandi
- 3 The Contractor shall be responsible for watch and ward of material at site of work.
- 4 Nothing shall be paid for sub-standard/rejected work.
- 5 1% Labour cess will be deducted from the bill of the Contractor.
- 6 GST as applicable shall be born by the contractor.

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

SCHEDULE OF QUANTITY						Job No.3	
Name of Work:- A/R & M/O LWSS Mandi Town Distt. Mandi (HP).						Estimated Cost:- Rs. 499744 /- only	
(SH:- Refilling, Supplying and Reinstallation of Liquid Chlorine Gas Cylinders at WTP Kangnidhar).						Earnest Money:- Rs. 10000/- only	
						Time Limit:- One Month.	
S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Refilling, Supplying and Reinstallation of Liquid Chlorine Gas Cylinders as per the BIS Specifications including carriage (empty cylinder will be provided by the Deptt. and minimum 4 cylinder will be supplied at a time) complete in all respect in all leads and lifts and to the entire satisfaction of the Engineer-in-Charge at Kangnidhar Water Treatment Plant.	46.00	Job			Per Job	
						Total :-	

Terms and conditions :-

- 1 The work should be executed as per PWD/IPH Specifications and to the entire satisfaction of the Engineer - in - Charge.
- 2 The Contractor shall be responsible for watch and ward of material at site of work.
- 3 1% Labour cess will be deducted from the bill of the contractor.
- 4 Nothing shall be paid for sub-standard material/rejected works.
- 5 Taxes as applicable will be born by the contractor.
- 6 GST as applicable shall be born by the contractor.

**Executive Engineer,
IPH Division Mandi.**

SCHEDULE OF QUANTITY

Job No.4

Name of work:- A/R & M/O Various Residential and Non Residential Building under IPH Division Mandi.	Estimated Cost Rs. 196717 /- only
(SH:- Roofing and Glazing of Balcony at CE Residence Tarna hill Mandi (H.P.).	Earnest Money.Rs. 4000/- only
	Time Limit. Three Months.

S.No	Description of items.	Quantity.		Rates.		Unit.	Amount.
				In fig.	In Words.		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint :- In beams joists channels ,angles, tee, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like in all leads and lifts.	448.76	Kg			Per Kilogramme	
2	Providing & Fixing 0.60mm thick preprited steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coatig including fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge in all leads and lifts.	34.73	Sqm			Per Square Metre	
3	Providing and fixing 1.20mm thick Polycarbonate transparent Diamond crush sheet in roofing prepainted limpet and rubber washers complete with all accessories as required as per the direction of the Engineer-in-Charge.	16.70	Sqm			Per Square Meter	
4	Providing and fixing 15cm wide 45cm overall semicircular plain GI sheet gutter with iron brackets 40 x 3mm size bolts and nuts and washers etc. Including making necessary connections with rain pipe complete as per design in all leads and lifts.	51.00	Rmt			Per Running Meter	
5	Providing and fixing call bell reputed make in all leads and lifts.	1.00	No.			Each	
6	Pproviding and fixing service wire 1.50 Sqmm in all leads and lifts.	51.00	Rmt			Per Running Meter	
7	Repair of AC (Cold) and converted into both hot and cold cost of servicing , gas refilling and allied accessories with all respect in all leads and lifts.	1.00	Job			Per Job	

8	Providing and fixing Aluminium work for door, windows, ventilators and partations with extruded build up standard tublar and other sections of approved make, fixed with raw plugs and screwe or fixing with clips or with expension hold fasterner i/c necessary filling up of gaps at junction at top bottom sides with required PVC neroprene etc work should be done as per the entire satisfaction of Engineer-in-Charge.	15.53	Sqm			Per Square Meter	
9	Providing and fixing Aluminium ornamental mesh Jali with aluminium frame in all leads and lifts.	15.53	Sqm			Per Square Meter	
10	Providing and fixing coloured PVC automatic flushing Cistern in all leads and lifts.	1.00	No.			Each	
						Total:-	

Terms and Conditions:-

- 1 The work should be executed as per I&PH/PWD Specifications and to the entire satisfaction of the Engineer-in-charge.
- 2 Nothing shall be paid for rejected/defected material at site of work.
- 3 The contactor shall be responsible for watch and ward of material at site of work.
- 4 1% labour cess will be dedudcted from the bill of the contractor.
- 5 GST as applicable shall be born by the contractor.

**Executive Engineer,
IPH Division Mandi.**