

SCHEDULE OF QUANTITY					
Name of Work:- Providing LWSS to PC Hab.Shillai in Tehsil Shillai Distt Sirmour(HP)					Estimated Cost Rs. 271896/-
(SH:-C/O of Additional Room for Pumping Machinery at Stage 2nd. (Under JJM)					Earnest money Rs. 5440/-
					Time:-Three months
Sr.No.	Description of Items	Qty.	Rate	Unit	Ammount
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 i/c stacking the excavated soil and then returning the stacked soil in 15cm layer when required into plinth side of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed with in all leads, lifts and as per direction of Engineer in charge complete in all respect	14.89		Cum	
2	Providing and laying cement concrete 1:6:12 (1cement:6app.sand:12app.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 at site and as directed by the Engineer in charge complete in all respect	3.38		Cum	
3	Random rubble masonry / polygonal rubble masonry(Uncoursed/ brought to course) with hard stone of approved quality in foundation and plinth including levelling up with cement concrete 1:6:12 (1Cement:6 Sand : 12 Graded stone aggregate of 20 mm nominal size) in cement mortar 1:6 (1cement:6Sand) in foundation and plinth i/c all leads, lifts and carriage of material etc. and as direction by the Engineer in Charge completed in all respect	7.01		Cum	
4	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking ou joint in Cement Mortar 1:4 (1 Cement : 4 app. Sand) including all leads, lifts and carriage of material at site and as directed by the Engineer in charge i/c all leads, lifts and carriage of material etc. and as direction by the Engineer in Charge completed in all respect	1.89		Cum	
5	Providing and laying DPC 38 mm thick in CC 1:2:4(1 cement:2 sand :4 gaded stone aggregate 12.50mm) and curing complete i/c all leads, lifts and carriage of material etc. and as direction by the Engineer in Charge completed in all respect	5.82		Sqm.	
6	Applying a coat of hot bitumen [mexphalt 80/100 orequivalent using 1.70 kg/sqmtrs on damp proof course after cleanig the surfaces with a piece of cloth lightly soaked with kerosene oil including all leads lifts and as per directions of the Engineer-incharge	5.82		Sqm.	
7	1st class Brick work using burnt clay building bricks in super structure in cement mortar 1:4 (1cement: 4 sand) including all leads lifts and and carriage of material up to site and as per directions of the Engineer-incharge	9.07		Cum	
8	Providing and fixing pressed steel door frames manufactured from commercial mild steel of 1.25 mm thickness including hinges jamb lock jamb beed by mechanical mean and if Including all leads lifts and carriage of material required angle threshold of mild steel angle of section 50x25 mm or base ties of 1.25 mm pressed mild steel welded or rigidly fixed together and specified and applying a coat of approved steel primer after pretreatment of the surface as directed by the Engineer in Charge i/c all leads, lifts and carriage of material etc. and as direction by the Engineer in Charge completed in all respect	31.40		Rmt	

Sr.No.	Description of Items	Qty.	Rate	Unit	Ammount
9	Providing form work with steel sheets 3.15mm thick welded with angle iron 30x30x5 mm so as to give fair 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 completed in all respect in				
	a)Flat surfaces such as soffits and suspended floors, roofs landing and the like floors etc. up to 200 mm in thickness.	7.49		Sqm.	
10	Providing and laying reinforced cement concrete 1:1.5:3(1cement :1.5 app.sand: 3app. graded stone agg.20mm nominal size)and curing complete excluding cost of form work & reinforcement for reinforced concrete work in lintels, beams, giders, bressumers, and cantilever,up to floor two level	0.54		Cum	
11	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 including all leads lifts & carriage of material at site and as per direction of the Engineer-incharge complete in all respect	0.95		Cum	
12	Providing Mild Steel/Tor steel reinforcement for RCC work including bending binding & placing in positing I/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge complete in all respect	43.50		Kg	
13	Providind and fixing M.S. grills of required pattern in wooden frames of windows etc.with M.S. flats squar or rounded bars with rounded headed bolts and nuts or by screws as per direction of the Engineer-in-charge	78.99		Kg	
14	Providing and fixing 1mm thick M.S. sheet door with fixing of 40 mm x40 mm x6 mm angle iron 3.0 mm M.S. guest plate at the junctions and corners, all necessary fitting complete including applying priming coat of red lead paint I/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	6.87		Sqm.	
15	Applying a priming coat over new steel and steel basedsurfaces after and including preparing the surface by thoroughly cleaning oil grease, dirt and other foreign matter and sand papering and knotting ready mixed matter and sand papering and knotting ready mixed paint brushing stell primer red oxide paint.	24.51		Sqm.	
16	Painting Two coats (excluding priming coat) on new steel and steel based surfaces with ready mixed paint brushing to give an even shade including cleaning ofall dirt and dust and other foreign matter sand papering and knotting ready mixed paint other than white. I/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	24.51		Sqm.	
17	Boulder filling under floor hand paced tightly including all leads lifts and carriage of material and as per direction of the Engineer-in-charge. i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	1.80		Cum	
18	Cement concrete flooring 1:2:4 (1 cement :2 sand :4 gaded stone aggregate 20 mm nominal size) laid in one layer finishing with a floating coat of neat cement 40mm thick. i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	12.00		Sqm.	
19	15 mm thick cement plaster in single coat on rough side of brick/stone masonry for interior plastering upto floor two level including arises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar at site 1:6 (1 Cement: 6 app. Sand) including all leads, lifts and carriage of material at site and as directed by the Engineer incharge i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	64.19		Sqm.	

Sr.No.	Description of Items	Qty.	Rate	Unit	Ammount
20	6 mm cement plastering to ceiling in cement mortar 1:3 (1Cement :3 Sand) including all leads lifts and carriage of material at site and as directed by the Engineer in Charge i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	23.90		Sqm.	
21	White washing with lime on un-decorated walls surfaces two coats to give an even shade including thoroughly brooming the surfaces to remove all dirt and dust and other foreign matter i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	84.49		Sqm.	
22	Hiramchi colour wash on un-decorated walls surfaces two coats to give an even shade including thoroughly brooming the surfaces to removal of oil grease, dirt dust and other foreign matter i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	35.72		Sqm.	
23	Providing under layer for plinth protection 75 mm thick unconsolidated bed dry brick/stone (40 mm nominal size) i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	8.60		Sqm.	
24	Providing plinth protection 50 mm thick in cement concrete 1:3:6 (1 cement :3 sand :6 gaded stone aggregate 20 mm nominal size) including finishing the top surfaces of concrete smooth i/c all leads lifts and carriage of material and as per direction of the Engineer-in-charge	8.60		Sqm.	
25	Steel work welded in built up section, 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 connecting plates or angles cleats as in main and cross beames, hip and jack rafters, purlins connected to common rafters and the like	2.93		P/Qtl.	
26	Providing & fixing 0.60 mm thick prepainted steel sheet in roofing with hot dipped mwtallic 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 mocrons primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia meter with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer in charge.	20.90		Sqm	
		Total			

TERMS AND CONDITIONS:-

- 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.342/-P.bag & steel @Rs.58/- P.kg.at IPH Store Shillai
- 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 Any theft or loss shall be born by the contractor
- 7 In addition to normal security 5% amount will be withheld for want of testing of Pipe/ S/tank against leakage and will be released after successful testing.
- 8 Crushed stone aggregate shall be used
- 9 RCC work shall be carried out with machanical mixture and with help power driven vibrator . Hand mixed concrete shall not be primmitted.Water shall be made available by the contrator without any extra cost.
- 10 Use of steel shuttering is mandatory . No shuttring other done steel shall be used

**Executive Engineer,
I&PH Division,
Shillai (HP)**