

**SCHEDULE OF QUANTITY**

Name of Work:- C/O LIS Kenduwal in Tehsil Baddi Distt. Solan (HP)( SH:- C/O Pump house for booster stage size 3.00X3.00 and Pump house cum attendant quarter size 4.50X3.00 and 2.75X3.00)

Estimated Cost:- 147406  
 Earnest Money:- 2900  
 Time:- 3months

Sr.No.	Description of item.	Qty.	Rate	Unit	Amount
1.	Excavation in foundations,trenches etc.in earth work,lift upto 1.50 mtrs.stacking the excavated soil not more than 3 mtrs clear from the edge of excavation and then returning the stacked soil in 15cm layers when required in to plinths, sides of foundations etc.consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth as directed within a lead of 20 mtrs in pick and jumper work 50% each.	23.83		cum	
2.	Providing and laying cement concrete 1:6:12(1cement:6sand:12 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth.	6.86		cum.	
3.	2nd classBrick work using common burnt clay building bricks in foundation and plinth in cement mortar 1:6(1cement:6sand)	16.27		cum	
4.	Providing and laying damp proof course 38mm thick with cement concrete 1:2:4(1cement : 2 sand :4graded stone aggregate) 12.5mm nominal size) and curing complete.	7.59		cum	
5.	Applying a coat of hot bitumen(mexphalt 80/100 or equivalent) using 1.70Kg.per square metre on damp proof course after cleaning the surface of cloth lightly soaked in kerosene oil.	7.59		cum	
6.	2nd class brick work using common burnt clay building bricks in supper structure in all heights and depth in cement mortar 1: 6 (1cement:6sand)	19.60		cum	
7.	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to giv 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 insitu-reinforced concrete and plain concrete work in Flat surfaces such as soffits of suspended floors, roofs, landings and the like floor etc.upto 200mm in thickness including carriage of materials within all leads and lifts complete in all respect.	66.23		Sqmt.	
8.	Providing and laying cement concrete work 1:2:4(1cement:2sand: 4 water borne aggregate 20mm nominal size & curing complete excluding the cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs, landing shelve and their supports balconies beams, girders bressumers and centilevers upto floor two level.	7.16		cum.	
9.	Providing tor steel reinforcement for RCC work including bending, binding and placing in positon complete upto floor two level.	573.03		kg.	
10.	15mm cement plaster in single coat in rough side of brick/stone masonry for interior plastering upto floor two level including arrises,internal,founded angles,chamfers and/or rounded angles chamfers and/or rounded angles not exceeding in girth & finished even and smooth in cement mortar 1:5(1cement:5sand).	107.04		sqm.	
11.	Pointing on brick work with cement mortar 1:3(1cement:3sand) ruled pointing.	98.74		sqm.	
12.	P/ F pressed steel door frames manufactured from commercial MS sheets of 1.25mm thickness including hinges, jump lock jump. Bead and if required angle threshold of MS angle 50 x 25 mm or base tie of 1.25mm pressed MS welded or rigidly fixed together by mechanical means, adjustable lugs with split and tails to each jamp i/c steel butt hinges 2.5mm thick with guards, lock strike plate and shock as specified and applying a coat of steel primer after pretreatment or surface as directed by Engineer-in-charge.				
	Profile---"A"	49.50		Rmt.	
	Profile---"B"	7.20		Rmt	

Sr.No.	Description of item.	Qty.	Rate	Unit	Amount
13	Providing and fixing 1mm thick M.S.sheet door with frame of 40mmx40mmx6mm angle iron 3.15mm M.S. gusset plate at the junctions and corners including all necessary fittings, complete including applying a priming coat of red lead paint.using flat 30mm x6mm for diagonal braces and control cross/pieces.	24.24		Sqm.	
14	Filling in plinth with sand under floors including watering ramming consolidating and dressing complete.	4.61		Sqm	
15	Cement concrete flooring 1:2:4 (! cement:2 sand:4 water borne aggregate 20mm nominal size laid in one layer finished with a floating of neat cement 40mm thick.	30.75		Sqmt.	
16	P/F on wall face Cast Iron rain water pipe i/c fitting and joints with spun yarn and cement mortar 1:2(1cement:2sand)including clamps.	17.50		Rmt.	
17	White washing with lime on undecorated wall surface(two coat) to give an even shade i/c throughly brooming the surface to remove all dirt,dust,mortar dirt and other foreign matter.	97.80		Sqm.	
18	Hirmachi colour wash on decoated wall surfaces(Three coats) to give an even shade i/c thoroughly brooming the surface to remove all dirt,dust mortar drops and loose scale of hirmachi wash and other foreign matter.	91		Sqm	
19	Providing plinth protection 50mm thick in cement concrete 1:3:6(1cement:3sand:6water borne stone aggregate 20mm nominal size)including finishing the surface of concrete smooth.	30.69		Sqm.	
20	Painting two coats(excluding priming coat)on new steel work based surfaces,with ready mixed paint,brushing to give an even shade including cleaning of all dirt,dust and other foreign matter,sand papering and stopping,with paint other than white.	24.24		Sqm.	
21	Providing and fixing aluminium sliding door bolt anodized transparent or dyed to required colour and shade with bolts and nuts screws etc.complete (3000 x 16)	3.00		each	
22	Providing and fixing aluminium handles anodized transparant or dyed to required colour or shade with necessary screws etc. complete 100mm.	12.00		each	
23	Providing and fixing aluminium tower bolts(berral type)anodized transparent or dyed to required shade and colour with screws etc. complete (250 x 10).	20.00		each	
24	Providing and fixing M.S fan clamp type-I of 16mm dia M.S bar bent to shape with hooked ends in RCC during laying including printing the exposed portion of loop, all as per standard design complete.	2.00		each	
26	P/F MS grills of required pattern in wooden frames/pressed steel frame with M.S.flat square/round bars 12mm dia with round headed bolts and nuts or by screws Plain grill.	107.31		Kg.	

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Total

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**TERMS AND CONDITIONS:-**

1. The work will be got executed as per IPH specifications.
2. Security, sale tax, income tax, labour cess and other statutory deduction will be deducted as applicable.
3. The time Schedule will be strictly adhered.
- 4.The contractor is fully responsible for watch and ward of the material at site of work.
5. Cement @ 171/-per bag and steel @ 3400/-per quintal will be issued from IPH store Nalagarh.
6. Nothing shall be paid for rejected work/material.

**EXECUTIVE ENGINEER,  
IPH DIVISION,NALAGARH.**

**SCHEDULE OF QUANTITY**

Name of work:- Augmentation of LWSS Sain Jhandian in Tehsil Nalagarh District Solan (HP).  
(SH:-Laying of Rising main 80mm dia ( heavy Class)

Estimated Cost Rs:- 420617  
Earnest money Rs:- 10515  
Time Limit:- 3 Months

S.No.	Description of item	Quantity	Rate	Unit	Amount
1	Excavation in drain and channel etc.upto all classifications of earth works such as pick work, jumper work, blasting work, kankar, moorum shingles including decomposed hard and soft rock etc. upto all heights stacking the excavated earth not more than 3 metres clear from the edge of excavation and then returning the stacked soil in 15cm layers when required into plinths and sides of foundations etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth upto all leads and lifts as directed by the Engineer-in-Charge complete in all respect.	1247.40		Cum	
2	Laying,jointing and testing in trenches galvanised mild steel pipe 80mm dia (Heavy grade) flanged as per Table in randum length of 5-7 meters including specials such as bends,tees etc.(M.S flanges and earth work in trenches to be measured paid for separately ) including carriage of materials upto all leads and lifrts.	2320.00		Rmt	
3	Providing and fixing M.S plate flanges 80mm dia conforming to ISI specification No. 6392-1971 Table-17 to be fixed with G.M.S(H) pipe as per item No. 2 above including cost of welding ,nuts and bolts ,Fire fly Champion make gasket 3 mm thick complete in all respect.	212.00		Pair	
4	Providing and fixing M.S plate flanges 80mm dia conforming to ISI specification No. 6392-1971 Table-28 to be fixed with G.M.S( H ) pipe as per item No. 2 above including cost of welding ,nuts and bolts ,Fire fly Champion make gasket 3 mm thick complete in all respect.	175.00		Pair	
					Total:-

**TERMS AND CONDITIONS:-**

1. The work will be got executed as per IPH specifications.
2. Security, sale tax, income tax, labour cess and other statuary deduction will be deducted as applicable.
3. The time Schedule will be strictly adhered.
- 4.The contractor is fully responsible for watch and ward of the material at site of work.
5. The GMS pipe will be issued free of cost from IPH Store Nalagarh.
6. The final payment shall be released after sucessful testing of pipe line.
7. 5% of the quoted amount will be deducted withheld for testing which shall be released after sucessful testing.
8. Welding of flanges to the pipe bends tees etc.shall be carried out strictly in accordance with relevant code.
10. Contractor shall be responsible for any leakage in the R/Main and shall rectify the same at his risk .

Executive Engineer.  
IPH Division.Nalagarh