

**SCHEDULE OF QUANTITY**

**Name of work:-** Renovation/ Up gradation and strengthening of Jal Shakti LAB Kandaghat Distt. Solan HP. (SH:- C/o collection chamber, Store room and dismantling of deteriorated structure etc. in Kandaghat Lab).

Estimated Cost Rs:- 3,74,783/-

Earnest Money Rs:- 7500/-

Time Period :- One month.

<b><u>Sr. No.</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Dismantalling door, window and clear story windows and clearstory window, ventilators etc.	17		No	
2	Demolition of Cement concrete including disposal of unserviceable materials within 20 meters lead and including cutting the necessary reinforcement and separating out from R.C.C. work for welding and fixing Angle iron with Slab as directed within all leads and lift as per statifaction of Engineer in charge. Dismantalling in RCC Stair & Front side flooring in cluding raling (Stair) complete in all respect.	13.65		cum	
3	Providing & laying RCC 1:2:4 1cement:2 sand 4 graded aggregates 20mm nominal . size curing complete excluding cost of form work & reinforcement for RCC work inside & outside including entire carriage of material upto all leads & lifts.	0.63		cum	
4	Providing Tor steel reinforcement for RCC work i/c bending binding & placing copmlete upto floor two level including entire carriage of material upto all leads & lifts.	57.132		kg.	
5	Prov. Form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5mm.so as to give a fair finish i/c, shuttering, strutting and propping etc. with wooden battens and ballies, height of propping and centring below supporting floor two ceiling not exceeding 4 Mtrs and removal of the same for insitu- reinforced concrete and plain concrete of planking so as to give a rough finish Vertical surfaces such as walls (any thickness), partitions and the like including attached pillasters, buttress, plinthand string courses and the like. complete in all respect.	11.04		sqm	
6	20mm cement plaster in single coat on rough side of masonry 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 with cement mortar 1:3 (1cement:3 sand) including entire carriage of material upto all leads and lifts.	20.44		sqm	
7	White glazed tiles 6mm thick in skirting rises of steps and dado 12mm thick cement mortar 1:3 (1cement:3sand) and jointed with cement slurry in office Vertical skirting and rises	2.25		sqm	
8	Providing and Fixing PVC wall pannels water proof, stain proof, Termite proof and dust proof in customise shape of high grade 4mm thick complete with all accessories and fixtures complete in all respect as per the direction Engineer in Charge.	41.59		sqm	
9	Kota stone slab floor tile flooring 20 mm (average) thick base of cement mortar 1:4 (1cement : 4sand ) laid over and jointed with grey cement slurry mixed with pigment to match the complete 25 mm thick	51.91		sqm.	
10	Providing & Laying Cement Concrete 1:6:12 (1Cement:6Sand :12 graded stone agg. 20mm nominal size) and curing complet on floor excluding the cost of form work. Screed laid under flooring.	2.10		cum	
11	Distempering (two coats) with oil bound washable distemper of approved brand and manufactors and of requiredshade on undecorated wall surface to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortor droppings and other foreign matter and also including preparing the surface even and sand papered smooth.	130.47		sqm.	
12	White washing with lime on decorated wall surfaces(Two coats) to give an even shade including throughly brooming the surface to remove all dirt dust mortar drops and loose scale of lime wash and other foreign matter .including entire carriage ofmaterial upto all leads and lifts.	56.11		sqm.	
13	Providing and fixing angle iron door, window, clearstory window frame manufacturing from MS Angle iron section of 50x50x6mm thickness & 40x40x6mm thick complete in all respect including entire carriage of material upto all leads & lifts.	12.43		qtl.	

14	Providing Prepex GI sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8mm diameter with bitumen and G.I. limpet washers filled with nwhite lead complete excluding the cost of purlins refters and trusses.63mm thick sheet	79.91	sqm
15	Providing and fixing 15cm wide 45cm over all semicircular plain GI Sheet gutter with iron brackets 40x3mm size bolts and nuts and washers etc. including making necessary conection with rain water pipe complete as design 0.63mm thick sheet.	4.50	Rmt.
16	Providing and fixing on wall face PVC (D-plast) rain water pipes of working pressure not less than 4.5 kg/sqm including filling the joints with approved adhesive complete 75mm dia pipes.	22.50	Rmt.
17	Providing 40x3mm flat iron hold fast 40cms long including fixing to frame with 10mm diameter bolts nuts and wooden plugs and embedding in cement concrete block 30x10x15cms 1:3:6 (1cement:3sand:6graded stone aggregate 20mm nominal size) including entire carriage of material upto all leads and lifts.	32	No
18	Providing fixing ordinary aluminium tower bolts barrel type anodized transparent or dyed to required shade and colour with screws etc. complete. 200x10mm	32	No
19	Providing fixing aluminium handles with necessary screws etc. omplete as per direction of Engineer-in-charge including entire carriage of material upto all leads & lifts. (100mm).	32	No
20	Providing fixing M.S. sliding door bolts anodized transparent or dyed to required shade and colour with screws etc. complete. as per the directions of Engineer-in-Charge including entire carriage of material upto all leads and lifts (250x16mm).	4	No
21	Providing and fixing steel almirah to labortrary equipment and labortary record including locking arrangement complete (78"36"19")	2	Each
			<b>Total Rs.:-</b>

**TERMS AND CONDITIONS:-**

- 1 The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof.
- 2 The work will be got executed as per IPH/ PWD specification.
- 3 Security, GST & other statutory deduction shall be made as applicable.
- 4 Nothing will be paid for sub-standard work/ material.
- 5 Work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 Stone aggregate/ sand shall be used of approved quarry.
- 7 The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid on this account.
- 8 Useable material found at site while execution will be stacked properly and the same will be the property of the department.
- 9 Cement @ 275/- per bag & steel @ 4700/- per qtl. will be issued from the IPH divisional Store Solan. Executive Engineer
- 10 Empty bag required to be handed over to the deptt otherwise the recovery @ Rs. 5/- per bag will be made. J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** Rain damages of water body Jadon in GP Mamligh Tehsil Kandaghat Distt. Solan HP. (SH:- Diagonal mesh fencing, Removal of slips & white washing).

Estimated Cost Rs:- 1,49,616/-  
Earnest Money Rs:- 3000/-  
Time Period :- Three month.

<b><u>Sr. No.</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Providing and laying cement concrete 1:4:8(Icement:4approved sand:8app.graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in foundation and plinth and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.	2.33		Cum	
2	Steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in RS joists, channels angles, tees and as per the direction of Engineer-in-charge including entire carriage of material upto all leads and lifts.	233		Kg	
3	Supply & fixing of GI wire 4mm thick corresponding to SWG- 8,10cmx10cm mesh (diagonal dimension) straining and fixing to any type of standard rail (Post and struts to be measured and paid for separately). straning bolts & nuts for fixing mesh to angle iron post complete in all respect.	94.50		P/Sqm	
4	Applying priming coat over new steel & other metal surfaces after & incuding preparing the surface by throughly cleaning oil, grease, dirt and other forign matter with ready mixed paint brushing red lead, red oxide/ zinc oxide chrome including entire carriage of matterial upto all leads & lifts.	95		Sqm	
5	Painting two coat excluding priming coat on new steel and other metal surfaces under coat with ready mixed paint brushing to give an even shade including cleaning the surface of dirt, dust and other foreign matter with ready mixed paint other than white including entire carriage of material upto all leads & lifts	94.50		Sqm	
6	Removal of slips in all kinds of soil including saturated soil but excluding boulders and rocky portion requiring blasting upto a distance of 20 meters disposing of un- serviceable material, stacking serviceable material and neatly dressing the surface as per direction of Engineer-in-charge.	117.4		Cum	
7	White washing with lime on decorated wall surfaces (three coats) to give an even shade including throughly brooming the surface to remove all dirt dust mortar drops and loose scale of lime wash and other foreign matter.including entire carriage of material upto all leads and lifts.	201.6		Sqm	
<b>Total Rs.:-</b>					

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- 5 Work shall be started within 15 days after the date of award and completed in stipulated period.
- 6 Stone aggregate/ sand shall be used of approved quarry.
- 7 The quoted rates should include all taxes and carriage charges etc. and nothing extra will be paid on this account.
- 8 Useable material found at site while execution will be stacked properly and the same will be the property of the department.
- 9 Cement @ 275/- per bag & steel @ 4700/- per qtl. will be issued from the IPH divisional Store Solan.
- 10 Empty bag required to be handed over to the depts otherwise the recovery @ Rs. 5/- per bag will be made.

Executive Engineer  
J.S. Division Solan

**SCHEDULE OF QUANTITY**

**Name of work:-** Restoration of rain damages of LWSS Satiyana Shiva in GP Chamian Tehsil Kasauli Distt. Solan.  
(SH:- C/O protection wall to protect filter unit).

Estimated Cost Rs:- 1,32,480/-

Earnest Money Rs:- 2650/-

Time Period :- One month.

<b><u>Sr. No.</u></b>	<b><u>Description of item</u></b>	<b><u>Qty</u></b>	<b><u>Rate</u></b>	<b><u>Unit</u></b>	<b><u>Amount</u></b>
1	Excavation in foundation and trenches in all type of soil such as pickwork jumper work blasting soft & hard rock and through conglomeraterock upto all leads & lifts stacking the excavated soil not more than 3mtrs clear from the edge of excavation and then returning the stacked soil in 15cm layers when required into plinths sides of foundations etc. consolidating each deposited layers by ramming and watering and then disposing of all surplus excavated earth in all leads and lifts & as per directed of the Engineer in-charge.	8.1		Cum	
2	Providing and laying cement concrete 1:5:10(1cement:5sand:10graded stone aggregate 40mm nominal size) with 15% plum and curing complete excluding cost of form work in retaining walls/breast walls, the size of plums shall usually be 150mm to 300mm as per HPPWD specification. including entire carriage of material upto all leads and lifts.	16.71		Cum	
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 not exceeding 4mtrs and removal of the same for insitu reinforced concrete and plain concrete work in Vertical surface such as wall of (any thickness) partition and the like including attached pillaster buttresses plinth and string courses and like and as per the direction of Engineer-in-charge .including entire carriage of material upto all leads and lifts.	33.41		Sqm	
3	Boulder/stone filling behind the retaining wall including entire carriage of material upto all leads and lifts.	2.4		Cum	
<b>Total Rs.:-</b>					

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- 10 Empty bag required to be handed over to the deppt otherwise the re.covey @ Rs. 5/-per bag will be made.
- 11 Royalty for the material i.e. Sand, aggregate & stone shall be deducted from the bill @ Rs. 32/cum, Rs. 45/cum & Rs. 56/cum respectively.

**Executive Engineer**

**J. S. Division Solan**