

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2021-22-  
To

16955

Dated:- 12/1/21

The Executive Engineer(IT Cell)  
Nigam Vihar, Shimla-2

Subject:- Tender Notice

Enclosed kindly find herewith the tender notice for the various works as given in the notice inviting tender for uploading on department website as per notification of Principal Secretary (PW) to the Govt. of HP vide letter No.PBW(B)A(3)1/2020 dated 16<sup>th</sup> July, 2021 as the works mentioned in the notice inviting tender are urgent/emergent nature of works in public interest.

Encl:- as above

Executive Engineer,  
Shimla Division No-III,  
HP.PWD.Shimla-3

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT  
\*NOTICE INVITING TENDER\***

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, HP.P.W.D. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in H.P.P.W.D. so as to reach in his office on or before 22-11-2021 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 20-11-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 18-11-2021.

The earnest money in the shape of National saving Certificate/Time deposit account/saving account in any of the post office in HP, duly pledged in favour of Executive Engineer, Shimla Division No-III must accompany with the application form for the tender offer. Conditional tender and the tender received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any reason there to. Other conditions are applicable as per form No. 6&8. The offer shall remain open for 30 days.

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	Special repair to Set No.402 at New MLA Hostel at Vidhan Sabha Shimla(SH:- Providing and laying tiles work, cupboard, painting, distemper and sanitary fitting in Master Bed room, kitchen and general toilet etc.).	Rs.2,17,827/-	Rs.4400/-	One Month	6&8	350/-
2	S/R to various residential building under Division No.III Shimla. (SH:- Replacement of CGI Sheet roofing in Set no.C-10 at Benloe Shimla etc.).	Rs.4,11,878/-	Rs.8240/-	One Month	6&8	350/-
3	A/R M/O various residential building under Division No.III Shimla. (SH:-Repair of damaged wall of room No.1 and CC drain left side of set no.1, block No.1 of Ellerslie quarter Chatta Shimla).	Rs.1,10,926/-	Rs.2220/-	One Month	6&8	350/-
4	A/R & M/O non residential building under Division No.III Shimla. (SH:-Repair of cupboard and writing desk in Court No.9 in high Court building).	Rs.1,81,022/-	Rs.3650/-	One Month	6&8	350/-
5	S/R to residential building under Division No.III Shimla. (SH:-P/F double beds alongwith pair of mattresses, Sofa Set in residential accommodation in Benmore-6).	Rs.1,84,080/-	Rs.3680/-	One Month	6&8	350/-
6	S/R to Balashram Rock wood Shimla(SH:- Demolition work, CC work, des work in first floor verandah of balashram).	Rs.1,53,667/-	Rs.3100/-	One Month	6&8	350/-
7	A/R & M/O to Raj Bhawan building at Shimla(SH:- P/F wooden panelling and polishing etc in family suit of Hon'ble Governor namely(Tara)	Rs.1,31,642/-	Rs.2650/-	One Month	6&8	350/-
8	S/R to KNH Shimla(SH:- Dismantling work, P/F aluminum work, brick work in OPD block etc.).	Rs.3,31,445/-	Rs.6700/-	One Month	6&8	350/-
9	A/R & M/O transit accommodation set No.3 at Jakhoo Shimla(SH:- P/F cupboard, painting, PVC flooring & sanitary fittings etc.).	Rs.1,92,986/-	Rs.3900/-	One Month	6&8	350/-
10	A/R & M/O various residential building under Division No.III Shimla. (SH:-P/F PVC flooring in Set no. E-II, F-II/69, D-II type-III 58 and block 32/123 etc at Nabha Estate Shimla).	Rs.1,21,130/-	Rs.2450/-	One Month	6&8	350/-
11	S/R to basket ball court of Bhawa hostel at Halyoak Shimla(SH:- P/L CC in basket ball court).	Rs.1,26,902/-	Rs.2600/-	One Month	6&8	350/-
12	S/R to various residential building under Division No.III Shimla. (SH:-Dismantling work, P/L CC work, pre-painted sheet, gutter and interlocking tiles etc in old Judges residence bungalow No.6 at harlington Estate Shimla).	Rs.3,82,388/-	Rs.7700/-	One Month	6&8	350/-
13	A/R & M/O to Raj Bhawan building at Shimla(SH:- Painting and chimney/ gable wall painting with exterior painting of main building of Raj Bhawan).	Rs.1,76,608/-	Rs.2700/-	One Month	6&8	350/-
14	A/R & M/O to type-III Set no.1 to 8 at Barnes Court Shimla(SH:- P/F PVC flooring in Set no.1,2,3, floor tiles in Set no.4,5,6,7,8, wire gauge shutter and painting etc.).	Rs.1,21,665/-	Rs.2500/-	One Month	6&8	350/-
15	A/R M/O to various road under Sub-Division No.V at Barnes Court Shimla(SH:- Clearing grass, removal of the rubbish in various road side and maintenance of Hume pipe culvert).	Rs.3,07,918/-	Rs.7600/-	One Month	6&8	350/-
16	A/R M/O various residential building under Division No.III Shimla. (SH:-P/F cupboards, tiles, marble, steel work & sanitary fittings to block C-1/18, D-1/30, 20/2MF, D-II type-III of Set no.57,58, C-1/18 etc. at Nabha Estate Shimla).	Rs.1,81,492/-	Rs.3650/-	One Month	6&8	350/-
17	A/R M/O various residential / non residential building at Vidhan Sabha Shimla(SH:- Supplying of materials at site for annual repair and maintenance work for various residential / non residential building at Vidhan Sabha Shimla	Rs.70,049/-	Rs.1450/-	One Month	6&8	350/-
18	A/R & M/O various residential / non residential building under Shimla Division No-III (SH:-Supplying of various items for maintenance of day to day work under Shimla Sub-Division No-VII winter field section).	Rs.51,127/-	Rs.1050/-	One Month	6&8	350/-
19	Furnishing of MLA Hostel at Metropole Shimla. (SH:- Providing furniture's articles in Set No. 301 occupied by Sh. Arun Kumar (Hon'ble MLA).	Rs.2,49,585/-	Rs.5000/-	One Month	350/-	6&8
20	Furnishing of council chamber building at H.P Vidhan Sabha Shimla. (SH:- Providing furniture's articles in opposition leader office).	Rs.1,75,490/-	Rs.3550/-	One Month	350/-	6&8
21	S/R to State Museum building at Chaura Maldan Shimla(SH:- C/O PCC breast wall near Curator accommodation of Sine Museum at RD's 0/005 to 0/018).	Rs. 3,47,479/-	Rs.6950/-	One Month	350/-	6&8
22	S/R to Clock-A type-IV Qtrs. And Block-B type-II at Barnes Court Shimla(SH:- C/O water storage tank stand near Director of health office building at Raj Bhawan Shimla).	Rs. 3,62,578/-	Rs.7300/-	One Month	350/-	6&8
23	S/R to MLA's Hostel at Metropole Shimla(SH:- P/F pine wood ceiling and polishing etc in set No. 703).	Rs. 2,29,367/-	Rs. 4600/-	One Month	350/-	6&8
24	S/R to RDH Complex at IGMCI Shimla(SH:- P/L chequered tiles, door shutters, wire gauge shutters, steel work and painting etc)	Rs. 4,99,976/-	Rs. 10000/-	One Month	350/-	6&8
25	Special repair to residential building under Vidhan Sabha Sub Division Shimla(SH:- Renovation of Kitchen, room ceiling, Floor, Painting and distemper etc. in set No.19 type-I at Balquall Shimla).	Rs.2,88,974/-	Rs.5800/-	One Month	350/-	6&8
26	Special repair to various Non-residential building under Shimla Division No.III (SH:- Providing and laying stone polyester flooring (SPC) in the court room in seventh floor in High Court Shimla).	Rs.2,98,079/-	Rs.6000/-	One Month	350/-	6&8
27	S/R to MLA's Hostel at Metropole Shimla (SH:- P/F pine wood ceiling and polishing etc in set No. 704).	Rs. 2,29,367/-	Rs. 4600/-	One Month	350/-	6&8
28	A/R & M/O Himachal Hospital of Mental Health and Rehabilitation at Shimla(SH:- Inside painting and distemper of Hospital building etc).	Rs.4,19,622/-	Rs.9400/-	One Month	350/-	6&8
29	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing and fixing ceiling, panelling etc. in Marlin Park Cottage type-V, ground floor etc) at Nabha Estate Shimla).	Rs.3,67,659/-	Rs.7400/-	One Month	350/-	6&8

30	Special repair to Medial College at IGMC Shimla (Sh:- Providing and fixing UPVC window and Ventilator at Room No. 406 at Pathology lab at IGMC Shimla)	Rs. 1,22,636/-	Rs. 2500/-	One Month	350/-	6&8
31	S/R to HP Public Service Commission office building at Nigam Vihar Shimla (SH:- C/O UPVC window, panelled glazed shutter, door shutters, HDF flooring 1mm thick wall paper, painting and distemping etc in member No.2(Room No.17) 1 <sup>st</sup> floor).	Rs. 2,17,980/-	Rs. 4400/-	One Month	350/-	6&8
32	S/R to Annadale view building (Hn'ble Speaker residence) at Chaura Maldan Shimla (SH:- C/O R/Wall, steps for stair, M.S. railing and painting etc.).	Rs. 2,07,032/-	Rs. 4150/-	One Month	350/-	6&8
33	Special repair to various residential buildings under Shimla Division No.III (SH:- C/O PCC R/Wall near toilet block RD's 0/00 to 0/09.55 near balquall building at Chaura maldan Shimla)	Rs. 3,13,365/-	Rs. 6300/-	One Month	350/-	6&8
34	S/R to residential building under Shimla Division No.III (SH:- P/F PVC water storage tank with stand in Curzon House qtrs. Chaura maldan Shimla).	Rs. 3,26,258/-	Rs. 6550/-	One Month	350/-	6&8

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

**Terms & Conditions:-**

- 1 The contractor/firm shall have his GST No. and attested copy of the same be attached with the application for issue of tender form.
- 2 The contractor/firm should attach attested copy of registration/renewal.
- 3 Copy of PAN card be attached with the application form

Executive Engineer,  
Shimla Division No-III,  
H.P.P.W.D.Shimla-3.  
Dated:-

**NO.SD-III-CB-Tender/2021-22-**

Copy forwarded for the following for information and necessary action to:-

1. The Engineer-in-Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla-2.
2. The Deputy Commissioner Distt. Shimla-1.
3. The Superintending Engineer 4th Circle in H.P. PWD Shimla with the request to issue necessary certificate regarding display of above tender notice in the notice board of circle office in view of the Principal Secretary (PW) to the H.P notification No. PBW(B)A(3)1/2020. Dated:- Shimla-2 the 07 January, 2021 and even file No. PBW(B)A(3)1/2020 Dated 16 July, 2021 Please.
4. The Executive Engineer, IT wing to the Engineer-in-Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla- 2 alongwith schedule of Quantity through (e-mail) for taking necessary action in view of principal Secretary(PW) to the Government of Himachal Pradesh notification No. PBW (B)A(3)1/2020 dated 16<sup>th</sup> July, 2021.
5. The Municipal Commissioner M.C. Shimla.
6. All the Assistant Engineers working under this Division.
7. The president contractor/association Shimla.
8. Notice board

Executive Engineer,  
Shimla Division No-III,  
H.P.P.W.D.Shimla-3.

Vendor (Name)  
H. B. R. C. Callad

SCH. DULE OF QUANTITY

11  
12  
15-11-21

Estimated Cost Rs. :- 217827.00  
Earnest Money Rs. :- 4400.00  
Time:- One Month.

Name of Work:- Special Repair to Set No. 402 at New MLA Hostel at Vidhan Sabha Shimla. (SH:- Providing and laying Tiles work, Cup board, Painting, Distemping and Sanitary fitting in Master Bed room, Kitchen and General Toilet etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Dismantling tiled floors laid in mortar upto floor all level including stacking of serviceable materials and disposal of un-serviceable materials within all leads and lifts including carriage of materials (wooden/concrete joists to be measured and paid for separately) for thickness of tiles upto 25mm	51.39 Sqm			Per Square metre	
2	Demolition above G.L. upto all floor level including disposal of un-serviceable materials within all leads un-reinforced cement concrete upto all thickness including carriage of materials within all leads and lifts	0.76 Cum.			Per cubic metre.	
3	Dismantling wooden boardings in lining of walls and partitions including frame work and stacking the materials in all leads and lifts including carriage of materials:- thickness above 10mm and upto 25mm	16.58 Sqm			Per square metre.	
4	Providing and laying cement concrete 1:2:4 (1 cement 2 sand : 4 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts in foundation and plinth	0.76 Cum			Per cubic metre	
5	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts	6.34 Sqm.			Per Square metre	
6	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts	6.60 Sqm.			Per square metre.	
7	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts	17.28 Sqm.			Per square metre.	
8	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. including carriage of materials within all leads and lifts.	6.60 Sqm.			Per square metre.	
9	Providing and fixing plain square edged cover fillets (beading) 19mm X 6mm section including miting at junction with wooden screws /nails etc. complete in hard wood including carriage of materials within all leads and lifts	30.00 Rmt.			Per running metre.	
10	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts:-100mm size.	14.00 No			Each	
11	Providing and fixing magnetic catcher with screws etc. complete including carriage of materials within all leads and lifts.	7.00 No.			Each	
12	Providing and laying Duro stone vetified tiles of size 300mm X 300mm X 10mm of approved shade and quality in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts.	8.23 Sqm			Per Square metre	



13	Provisioning and laying Duro stone verified tiles of size 300mm X 300mm X 8mm of approved shade and quality in grey/coloured or of approved shade in walls, skirting, dado etc. laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) and over and jointed with neat cement. Slurry finished with lush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts	38.74 Sqm.			Per square metre.	
14	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3 (1 cement 3sand) including jointing with cement mortar 1:2 (1 white cement:2 marble dust) with an admixture of pigment to match the shade of the marble 20mm thick Baroda green marble including carriage of materials within all leads and lifts.	5.40 Sqm.			Per square metre	
15	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) including carriage of materials in all leads and lifts.	38.74 Sqm.			Per square metre.	
16	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting Ready mixed paint brushing wood primer pink, including carriage of materials within all leads and lifts	21.60 Sqm.			Per square metre	
17	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & sloping including carriage of materials within all leads and lifts (i) With white enamel paint	21.60 Sqm.			Per square metre	
18	Distemper (one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts.	150.79 Sqm.			Per square metre.	
19	Extra over every subsequent coat of oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts.	45.24 Sqm.			Per square metre.	
20	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of material in all leads and lifts. With enamel paint other than white.	101.97 Sqm.			Per square metre.	
21	Extra over every subsequent coat of paint on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of material in all leads and lifts. With enamel paint other than white.	40.79 Sqm.			Per square metre.	
22	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with ready mixed paint, brushing oil, grease to give an even shade including cleaning the surface of all dirt, dust and other foreign matter With white enamel paint including carriage of materials in all leads and lifts.	195.88 Sqm.			Per square metre.	
23	Extra over every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of material in all leads and lifts. With white enamel paint	78.35 Sqm.			Per square metre.	
24	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts. Plain Glass: 4mm thick.	2.08 Sqm.			Per square metre.	

25	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel tubes (Medium grade) tube fittings and clamps including making good the wall ceiling and floor complete including C.P. lugs of materials within all leads and lifts.	31.00 Rmt	Per running metre	
26	Providing and fixing vitreous China wash down water closet (European type W.C. pan) with integral P or S trap including joining the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) (seat and cover to be measured and paid for separately) including carriage of materials within all leads and lifts :- (i) Hindware Star white cat No 92504 (S-22) complete set with jet etc.	1.00 No.	Each	
27	Providing and fixing vitreous China wash down water closet (European type W.C. pan) one piece with integral P or S trap including cistern seal and cover joining the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts :- Hindware Popular Cat No 20044 complete set.	1.00 No	Each	
28	Providing and fixing 1000 liter capacity PVC low level flushing cistern Hind ware sleek ultra of size 42 X 39 X 14cm or equivalent with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm dia C. P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all leads and lifts.	1.00 No	Each	
29	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :- Solid Type : White plastic seat and cover.	1.00 No.	Each	
30	Providing and fixing 630mm X 450mm Flat back vitreous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding lifting including carriage of materials within all leads and lifts :- Hindware Neo Largo cat No. 10103.	2.00 No.	Each	
31	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings Hindware Cat No. 11032 star white including carriage of materials within all leads and lifts.	2.00 No.	Each	
32	Providing and fixing 32mm dia C.P. waste for wash basin or sink including carriage of materials within all leads and lifts.	3.00 No.	Each	
33	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	2.00 No	Each	
34	Providing and fixing 600mm X 20mm size C. P. Towel rail complete with C.P. brackets fixed to wooden plugs with C. P. screws including carriage of materials within all leads and lifts:-ESS ESS catalogue No. AC-701.	2.00 No.	Each	
35	Providing and fixing towel ring of ESS ESS catalogue No. AC-702 or equivalent complete including carriage of materials within all leads and lifts.	2.00 No.	Each	
36	Providing and fixing 600mm x 120mm acrylic glass shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts:-ESS ESS catalogue No. AC-307.	2.00 No.	Each	
37	Providing and fixing C.P. Soap dish complete fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts:- ESS ESS AC-703.	5.00 No.	Each	
38	Providing and fixing C. P. brass bib cock with flange complete including carriage of materials within all leads and lifts :- ESS ESS DE-02.	2.00 No.	Each	
39	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS-ESS DE-04A.	16.00 No.	Each	



40	Providing and fixing one hole basin mixing Faucet with out pop up waste system with 450cm long flexible hose including carriage of materials within all leads and lifts:- ESS-ESS DE-07.	2.00 No				Each	
41	Providing and fixing wall mixing faucet for shower and bath hand shower with Angular and Rest Holder including carriage of materials within all leads and lifts:- ESS-ESS DE-08	2.00 No.				Each	
42	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials within all leads and lifts ESS-ESS Cat No. T-127	1.00 No				Each	
43	Providing and fixing C.P. Brass toilet paper holder with screws etc. complete including carriage of materials within all leads and lifts:- ESS-ESS cat No. AC-106	2.00 No.				Each	
44	Providing and fixing C.P. Jet including fixing etc. complete including carriage of materials within all leads and lifts:- ESS-ESS cat No. C-232Y	1.00 No.				Each	
45	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	7.00 No				Each	
46	Providing and fixing 32mm dia PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	3.00 No				Each	
47	Providing and fixing 450mm length PVC connection pipe with brass union including carriage of materials within all leads and lifts:- 15mm nominal bore.	14.00 No.				Each	
48	Providing and fixing C.P. wall flange/ Cap 15mm ( fifteen millimetre) nominal bore with fittings including carriage of materials within all leads and lifts	16.00 No.				Each	
49	Providing and fixing 15mm dia brass full way valve with wheel including carriage of materials within all leads and lifts.	3.00 No.				Each	
50	Providing and fixing G.I./M.I Union of 15mm nominal size (where not included in the items) including carriage of materials within all leads and lifts.	3.00 No.				Each	
51	Providing and fixing PVC (Finolex) floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:- (i) 110mm X 90mm size.	5.00 No				Each	
52	(ii) 110mm X 75mm size Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm dia.	2.00 No 14.00 Rmt				Each Per Running metre.	
53	(ii) 75mm dia. Providing and fixing PVC Finolex type "A" collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	6.00 Rmt 4.00 No.				Per Running metre Each	
54	ii) 75mm nominal size. Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	2.00 No. 6.00 No.				Each Each	
55	(ii) 75mm nominal size. Providing and fixing standless steel kitchen sink of size 610mm x 460mm with bowl depth 200mm with C. I. or M. S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts.	2.00 No. 1.00 No				Each Each	

Disposal of excavated earth by mechanical means upto 10kms or approved dumping site of M.C. Shilpa or on arranged by the contractor i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuselul material for disposing including payment of prescribed charges of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour (if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respect as per direction of Engineer-in-Charge.

### Conditions:-

Rates should be quoted for all rights including all kinds and this for internal and external works

1) Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards

3.37 Cum

Per cubic  
metre

Total

Opened by me  
Cutting  
O.W.  
Condition  
Repack  
E.E. III

Executive Engineer,  
Shilpa Division No. III,  
H.P.W.D. Shilpa-3.



# DRAFT SCHEDULE OF QUANTITY

Estimated cost:- 411878.00  
Earnest Money:- 8240.00  
Time:- One Month.

Name of work:-S/R to varoius residential buildings under division No.III Shimla. (SH:- Replacement of CGI Sheet roofing in set C-10 at Bemioe Shimla etc.)

SR. NO.	Sub-Head/item of work.	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet.	137.18 Sqm.	3			
2	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position. 2nd class deodar wood. including carriage of materials in all leads and lifts.	0.36 Cum				
3	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. including carriage of materials in all leads and lifts. Make Tata Durashine.	137.18 Sqm.				
4	Providing and fixing Pre-coated ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.0.50 mm thick with zinc coating not less than 275 gsm/m <sup>2</sup> including carriage of materials in all leads and lifts. Make Tata Durashine.	21.80 Rmty				
5	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. including carriage of materials in all leads and lifts.0.50 mm thick with zinc coating not less than 350 gsm/m <sup>2</sup> Flashings/ Aprons (Upto 600 mm) Make Tata Durashine.	16.40 Rmty				
6	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete. 12.51.6 Gutter (600 mm over all girth) Make Tata Durashine.	36.40 Rmt				

7	Providing and fixing M.S. BP Sheet 1.66 mm to 2mm thick in eaves, board/facia/soffit/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge & including carriage of materials in all leads and lifts. (Base members of steel work shall be measured & paid separately)	38.70 Sqm.
8	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	953.75 kg
10	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	38.70 Sqm.
11	Providing and fixing on wall face PVC (finolex) type-A rain water pipes with collar and clamps etc. of working pressure not less than 4.5 kg/sqm including filling the joints with approved adhesive complete. 110mm dia pipes including carriage of materials within all leads and lifts.	30.00 Rml.
12	Providing and fixing on wall faces PVC (finolex) type-A accessories for rain water pipes including filling the joints with approved adhesive complete PVC Plain bend 110mm dia including carriage of materials within all leads and lifts.	8.00 No.
13	Providing and fixing PVC FINOLEX offset of 45 degree ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. (1) 150 mm dia.	8.00 No.
14	Providing and fixing PGI sheet rain water collection head 230x290mm and 100mm dia. including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	8.00 No.
15	Providing and fixing unplasticised -PVC pipe clamps of approved design to unplasticised -PVC rain water pipes by means of 50x50x50 mm hard wood plugs, rawl plugs etc.	32 No.
Draft schedule of quantity No.		For the y

#### CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.
- 3 Credit for useful material for C.G.I sheet recovered from the contractor for qty 137.18 sq mtr @ Rs 165.00 per Sqmt.

Executive Engineer  
Shimla Division NO.III.  
HP.PWD.Shimla-3  
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# SCHEDULE OF QUANTITY

Name of work : A/R and M/O various residential building under Shimla Division No. III, Shimla. (SH:-Repair of damaged wall of room No. 1 and C. C. drain left side of set No. 1, block No. 1 of Ellerslie quarter Chotta Shimla.)

Estimated Cost Rs. :- 110926.00  
Earnest Money Rs. :- 2220.00

Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge.	1.01 Cum			Per cubic metre	
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within all lead as per direction of Engineer-in-charge.	1.68 Cum			Per cubic metre	
3	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured); From brick work in cement mortar including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge.	318.00 No.			Each	
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhatas, architrave, holdfasts etc. complete and stacking including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge. Of area 3 sq. metres and below.	2.00 No.			Each	
5	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge.	1.77 Cum			Per cubic metre	
6	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge.	8.20 Sqm			Per square metre	
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand) : 10graded stone aggregate 40mm nominal size) within cartage of material in all leads and lifts:- All kinds of soil.	1.87 Cum			Per cubic metre	
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete within cartage of material in all leads and lifts and as directed by the Engineer in Charge- All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size)	3.27 Cum			Per cubic metre	
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth complete within cartage of material in all leads and lifts and as directed by the Engineer in Charge. In Cement mortar 1:3 (1 cement : 6 coarse sand)	0.06 Cum			Per cubic metre	
10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand) complete within cartage of material in all leads and lifts and as directed by the Engineer in Charge.	12.03 Sqm			Per square metre	
11	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) complete including cartage of materials within all leads and lifts.-second Class deodar wood.	0.078 Cum			Per cubic metre	
12	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. Chil/ Rai wood complete including cartage of materials in all leads and lifts.	0.023 Cum			Per cubic metre	

13	Providing and fixing 35mm thick panelled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class decolar wood.	2.88 Sqm			Per square metre.	
14	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws 35mm thick shutters of second class decolar wood.	1.80 Sqm			Per square metre.	
15	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	4.30 Sqm.			Per Square metre	
16	Providing and fixing plain square edged cover fillets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	9.00 Rmt.			Per running metre.	
17	Providing and fixing 40mm x 3mm flat iron hold fast 40cm Long including fixing to frame with 10mm diameter bolts and nuts and wooden plugs and embedding in cement concrete block 30cm X 10cm X 15cm, 1:3:6 (1 cement : 3 sand:6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts.	12.00 No.			Each.	
18	Providing and fixing 250mm x 16mm size anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
19	Providing and fixing 150mm x 10mm size aluminium lower bolts. ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. including carriage of materials within all leads and lifts.	8.00 No			Each.	
20	Providing and fixing 125mm size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	6.00 No			Each.	
21	Providing and fixing 100mm size C.P. heads and staples (safety type) with necessary screws etc complete including carriage of materials in all leads and lifts.	2.00 No.			Each	
22	Providing and fixing first quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer ) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, insets of steps and dados over 12mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts:- 300mm X 300mm Size.	11.53 Sqm.			Per square metre	
23	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion including carriage of material within all leads and lifts as per direction of Engineer-in-Charge:- Single socketed pipes 110mm diameter.	3.00 Rmt			Per running metre	
24	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion complete including carriage of material within all leads and lifts as per direction of Engineer-in-Charge:- Bend 87.5° 110mm bend.	3.00 No.			Each	
25	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion complete including carriage of material within all leads and lifts as per direction of Engineer-in-Charge:-110 mm Shoe.	1.00 No.			Each	
26	16mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	24.06 Sqm.			Per square metre	
27	Removing white or colour wash by scraping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	12.17 Sqm			Per square metre	
28	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	268.48 Sqm			Per square metre	
29	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-Charge.	12.60 Sqm			Per square metre.	





# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 181022.00  
 Earnest Money Rs. :- 3650.00  
 Time:- One Month.

Name of work: #/R & M/O Non residential building under Shimla Division No. III. (SH: - Repair of Cup Board and writing desk in Court No. 9 in High Court Building.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts	77.18 Sqm.			Per square metre.	
2	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts.	3.22 Sqm.			Per square metre.	
3	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:- 1.0 mm thick complete including carriage of materials within all leads and lifts.	43.49 Sqm.			Per square metre.	
4	Providing and fixing 2nd class hard wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	68.12 Rmt.			Per Running Metre.	
5	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inclding carriage of materials within all leads and lifts.	1.86 Sqm.			Per Square metre	
6	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured. corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	20.68 Sqm			Per square metre	
7	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	9.00 Pair			Per pair	
8	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	18.00 No			Each	
9	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	17.00 No.			Each	

11	Providing and fixing aluminium strip/ angle of size 30mm X 30mm x 1.5mm thick complete as per direction of Engineer-in-charge.	18.00 Rmt.			Per Running Metre.	
12	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require white Vitreous China Angle back wash basin size 400mm x 400mm with single 15mm C.P. brass pillar tap complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
13	Providing and fixing 12mm thick plain table glass complete including carriage of materials within all leads and lifts.	2.32 Sqm			Per square metre	
<b>Conditions:-</b>					<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works

ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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Executive Engineer,  
Shimla Division No. 10,  
HP. PWD, Shimla-3.

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## SCHEDULE OF QUANTITY

Estimated cost:- 184080.00

Earnest Money:- 3680.00

Time :- One Month.

Name of work:- S/R to various residential buildings under division no III Shimla.(SH:-Providing and Fixing double beds along with pair of mattresses, Sofa set and in residential accomodation in Benmore -6)

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
	2	3	4	5	6	
1	Providing and placing in position Double bed box of size 72"x72"x15" made up of commercial board finished with teak ply and teak wood beading fancy head and foot sides complete including carriage of material in all leads and lifts.	2.00	No		Each	
2	Providing and placing in position Mattresses of size 72"x35"x 5" thick ISI Jindal product of hard and soft side with fine quality cloth cover complete in made up of commercial board finished with teak ply and teak wood beading fancy head and foot sides complete including carriage of material in all leads and lifts.	6.00	Pair		Each/pair	
3	Providing and placing in position sofa set upholstered with stain repellant fabric complete. including carriage of material in all leads and lifts.(Sofa set five seater of standard size.)	1.00	No		Each	

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Executive Engineer  
Shimla Division NO.III.  
HP PWD.Shimla-171003



## Draft SCHEDULE OF

Name of work: - Special Repair to Balashram Rock wood Shimla (SH:- Demolition work, C.C work, Tile work in First Floor Verandaha of Balasharm)

Estimated Cost: -Rs. 115555/- only

Earnest Money: Rs. 2400/- Only 3100/-

Time - One Month

S.N o.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6	7
1	Demolition above G.L upto floor two level including disposal of unserviceable materials within all leads & lifts un-reinforced cement concrete upto 15cm thickness including carriage of materials within all leads and lifts	13.61	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts	7.94	Cum		
3	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts	113.49	Sqm		
	Conditions:-				

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available the market should confirm to bureau of Indian standards.

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Executive Engineer,  
Shimla Division No. III,  
HP. PWD. Shimla-8

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**SCHEDULE OF QUANTITY**

7

**Name of work:** - A/R & M/O to Raj Bhawan Building at Shimla-2(SH:- Providing and Fixing Wooden Paneling and Polishing etc. in Family Suit of Hon'ble Governor Namely (Tara)

Estimated Cost: -Rs.131642/- only

Earnest Money : Rs.2650/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6 7	
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc..including carriage of materials within all leads and lifts.(Second Class Deodar wood	0.180	Cum		Per Cubic Metre
2	Providing and fixing plain lining with 12 mm thick Commercial ply necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i) 12mm thick commercial ply	31.50	Sqm.		Per Square Metre
3	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/panelling/under floors with necessary screws/nuts & bolts/ nails and fixed on wooden /steel frame work complete as per direction of Engineer-in- charge (Frame work shall be paid for separately) including carriage of materials within all leads and lifts.	31.50	Sqm.		Per Square Metre
4	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts.(i) 2nd class teak wood 50x12 mm (Pattern work)	134.99	Rmt.		Per Running Metre
	(ii) 20x20mm ( For patter Beading)	185.06	Rmt.		Per Running Metre
	(iii) 90x20mm (Top Beading of Wall lining)	12.38	Rmt.		Per Running Metre
	(iii) 75x20mm (Top Beading of Wall lining)	12.45	Rmt.		Per Running Metre
	(iv) 100x20mm ( As Skirting)	32.03	Rmt.		Per Running Metre


5	French spirit polishing including carriage of materials within all leads and lifts. (i) Two or more coats on new works including a coat of wood filler	42.26	Sqm.			Per Square Metre	
	Conditions:-					Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards

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 Executive Engineer,  
 Shimla Division No. III,  
 HP PWD. Shimla-8

## DRAFT SCHEDULE OF QUANTITY

Hivesh

Name of work: - Special Repair to Kamla Nehru Hospital Shimla (SH: - Dismantling work, Providing and fixing aluminum work, Brick work, Tiles work in OPD block etc.)

Estimated Cost: -Rs.331445/- only

Earnest Money : Rs. 6700/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	Unit		Amount
				In figure	In words	
1	2	3		6	7	
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within in all leads and lifts including carriage of materials as per direction of Engineer - in- charge.	0.45	Cum			
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within in all leads and lifts including carriage of materials as per direction of Engineer - in- charge:-In cement mortar.	1.80	Cum			
3	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within in all leads and lifts including carriage of materials as per direction of Engineer - in- charge:-For thickness of tiles 10 mm to 25 mm.	77.53	Sqm			
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within in all leads and lifts including carriage of materials as per direction of Engineer - in- charge:-Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	3.87	Cum			
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in Cement mortar 1:4 (1 cement : 4 coarse sand) including disposal of material within in all leads and lifts including carriage of materials as per direction of Engineer - in- charge.	17.11	Sqm			
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand) complete within carriage of material in all leads and lifts.	0.93	Cum			
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) complete including carriage of materials within all leads and lifts:-second Class deodar wood.	0.055	Cum			
8	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc complete including carriage of materials in all leads and lifts.	5.81	Sqm			
9	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	14.84	Sqm			



	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	13.61	Sqm
11	Providing and fixing 100mm ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete including carriage of materials within all leads and lifts.	10.00	No.
12	Providing and 100mm fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	6.00	No.
13	Providing and laying vitrified floor tiles of 600mm X 600mm sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.30 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts.	77.71	Sqm.
14	15mm Cement plaster in single coat on the 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 1:6 (1Cement:6 Sand) including carriage of materials within all leads and lifts.	136.80	Sqm
15	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre complete including carriage of materials within all leads and lifts.	22.60	Sqm
16	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	22.60	Sqm
17	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts:- Two or more coats on new work.	136.80	Sqm
18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron) complete including carriage of materials in all leads and lifts.	68.35	Kgs

18.1	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) complete including carriage of materials in all leads and lifts.	103.05	Kgs
19	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete including carriage of materials in all leads and lifts.	6.75	Sqm
20	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item). With float glass panes of 5mm thickness (weight not less than 12.50 kg/ sqm) complete including carriage of materials in all leads and lifts.	9.00	Sqm
21	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	136.80	Sqm
	<b>Conditions:-</b>		

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

**Draft schedt  
2021-22 duly**

Executive Engineer,  
Shimla Division No. III,  
HP PWD. Shimla-3.

**SCHEDULE OF QUANTITY**

**Name of work:** -A/R & M/O to Transit Accommodation, Set No.3 at Jakhu Shimla-2 (SH:-Providing and fixing Cup Board, Painting , PVC Flooring & Sanitary Fittings etc.)

Estimated Cost: -Rs.192986/- only

Earnest Money : Rs.3900/-Only

Time - One Month

9

S.No.	Sub head and Items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6 7	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in charge.(i) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.74	Sqm	Per Square Metre	
2	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	32.55	Sqm	Per Square Metre	
3	Providing and fixing 19 mm thick commercial board water proof shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	13.14	Sqm	Per Square Metre	
4	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	13.14	Sqm	Per Square Metre	
5	Providing and fixing 0.80 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	13.14	Sqm	Per Square Metre	
6	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	60.00	Rmt.	Per Running Metre	
7	Providing and fixing 12mm thick Shuttring ply wood Conferming to IS in Plain lining/ Panelling/ under Floors with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame ( Frame work Shall be Paid Seprately) as per direction of Engineer - in Charge. including carriage of material in all leads and lifts	26.67	Sqm	Per Square Metre	
8	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including all leads and lifts and as directed by theEngineer-in-Charge. : 35mm thick shutters deodar wood.	0.44	Sqm	Per Square Metre	
9	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.(i) 1.5 mm Thick	24.07	Sqm	Per Square Metre	



10	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 100 mm	28.00	Nos.			Each	
11	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 150x10mm	22.00	Nos.			Each	
12	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. (i) Triple strip vertical type	22.00	Nos.			Each	
13	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :(i) 25 mm dia	14.20	Rmt.			Per Running Metre	
14	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood.(i) 50x50 mm (base and height)	31.50	Rmt.			Per Running Metre	
15	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :	2.59	Sqm			Per Square Metre	
16	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :(i) Kitchen sink with drain board (a) 610x460 mm bowl depth 200 mm	1.00	Nos.			Each	
17	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :(i) Flat back wash basin of size 630x450 mm	1.00	Nos.			Each	
18	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:	1.00	Nos.			Each	
19	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :(i) White solid plastic seat with lid	1.00	Nos.			Each	



20	Providing and fixing 15 mm nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	5.00	Nos.			Each	
21	Providing and fixing 15mm dia CP brass pillar Cock (heavy duty ISI marked IS:8931 & 8934) including carriage of materials within all leads and lifts.	2.00	Nos.			Each	
22	Providing and fixing 15mm dia C.P.brass stop Cock (heavy duty ISI marked IS:8931 & 8934) including carriage of materials within all leads and lifts.	6.00	Nos.			Each	
23	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	2.00	Nos.			Each	
24	Providing and fixing unplasticised P.V.C. connection pipe with Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 30cm length.	6.00	Nos.			Each	
25	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	1.00	Nos.			Each	
26	Providing and fixing C.P. brass towel Ring (heavy duty ISI marked IS:8931 & 8934) complete with wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts.	1.00	Nos.			Each	
27	Providing and fixing 600mm X 20mm size C.P. brass towel rail (heavy duty ISI marked IS:8931 & 8934) complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts.	1.00	Nos.			Each	
28	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00	Nos.			Each	
29	Providing and fixing charomium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	3.00	Nos.			Each	
30	Providing and fixing 8 mm Dia charomium plated Jet with Flexible tube i.00 Metre long with SS Traingular Plate to0 European Type WC Pan including carriage of materials within all leads and lifts.	1.00	Nos.			Each	
31	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	93.84	Sqm			Per Square Metre	
32	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content.(i) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	91.38	Sqm			Per Square Metre	

33	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	185.22	Sqm				Per Square Metre	
34	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	91.38	Sqm				Per Square Metre	
35	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : (i) Old work (one or more coats)	93.84	Sqm				Per Square Metre	
36	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : (i) One or more coats on old work	76.11	Sqm				Per Square Metre	
	<b>Conditions:-</b>						<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V, HPPWD, Raj

Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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E.E. III

Executive Engineer,  
Shimla Division No. III,  
HP PWD, Shimla-2

SCHEDULE OF QUANTITY

Estimated cost:- 121130.00  
Earnest Money:- 2450.00  
Time :- One Month

Yesh Pal .

10

Name of work:-A/R & M/O residential building under Shimla Division No. III (SH:-Providing & fixing PVC flooring in set No. E-II, F-II/69, D-II type-III 58 and block 32/123 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	145.72 Sqm			Per Square Metre	
CONDITION:-					Total:-	

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works.  
ii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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E.E. III

Executive Engineer  
Shimla Division NO.III,  
HP.PWD.Shimla-171003

# Draft SCHEDULE OF QUANTITY

Name of work: - S/R to Basket ball Court of Bahwa Hostel at Holyoake Shimla (SH:-Providing and Laying Cement Concrete in Basket Ball Court)

Estimated Cost :-Rs.126902/- only

Earnest Money : Rs.2600/-only

Time - One Month

S.N o.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	6
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:1½:3 (1 Cement: 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size) including all leads, lifts and carriage of material at site as directed by the Engineer in charge.	18.68	cum.	6240	
2	Centering and shuttering including strutting, propping etc. and removal of form for including all leads, lifts and carriage of material at site as directed by the Engineer in charge. :(i) Under 20 cm wide	71.80	Rmt.	144.00	
Conditions:-					

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available the market should confirm to bureau of Indian standards.

Draft schedule of qual  
2021-22 duly approved  
only.

Executive Engineer,  
Shimla Division No. III,  
HP. RWD. Shimla-3.



# SCHEDULE OF QUANTITY

V/A/1/2012

**Name of work:** - Special Repair to various residential building under Shimla Division No. III. (SH: - Dismantling work, Providing and laying CC work, Steel work, Prepainted sheet, Gutter and interlocking tiles etc. in old Judges Residence Banglow No. 6 at Harvington Estate Shimla.)

Estimated Cost: -Rs.382388/- only

Earnest Money : Rs. 7700/-Only

Time - One Month

S.N o.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6	7
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	8.63 Cum		Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	5.61 Cum		Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete within carriage of material in all leads and lifts.	3.74 Cum		Per cubic metre	
4	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge:- External work 15 mm nominal outer dia Pipes.	174.50 Rmt		Per running metre	
5	Providing and fixing 110mm nominal size high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts.	55.90 Rmt		Per running metre.	
6	Providing and fixing prepainted galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete within carriage of material in all leads and lifts and as directed by the Engineer in Charge.	34.08 Sqm		Per square metre	

12  
11/11/21  
15/11/21

7	Providing and fixing precoated galvanised steel sheet roofing (TATA Durashine) accessories 0.50mm (+0.05%) total coated thickness. Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade. 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete including carriage of materials in all leads and lifts:- Ridges plain (500 - 600mm).	4.80	Rmt.			Per running metre.	
8	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	9.72	Sqm			Per square metre	
9	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge:- 25mm thick.	22.29	Sqm			Per square metre	
10	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M- 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge including carriage of materials within all leads and lifts.	113.22	Sqm			Per square metre	
11	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	8.63	Cum			Per cubic metre	
Conditions:-						Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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Executive Engineer,  
 Shimla Division No. III,  
 HP. PWD. Shimla-3.

Kamran

## SCHEDULE OF QUANTITY

Name of work: - A/R & M/O to Raj Bhawan Building at Shimla-2(SH:- Roof Painting and Chimney/  
Gable wall Painting with exterior Painting of main building of Raj bhawan )

Estimated Cost: -Rs.176608/- only

Earnest Money : Rs.2700/-Only

Time - One Month

13

S.No.	Sub head and items of work	Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	1578.56	Sqm			Per Square Metre	
2	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : complete including carriage of materials within all leads and lifts.(i) Old work (one or more coats)	3157.13	No			Each	
3	Finishing walls with Acrylic Smooth exterior paint of required shade : including carriage of materials within all leads and lifts.(i) Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	200.62	No			Each	
Conditions:-						Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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Executive Engineer,  
Shimla Division No. III,  
HP. PWD. Shimla

# DRAFT SCHEDULE OF QUANTITY

Name of work: -A/R & M/O to Type-III Set No.1 to 8 at Barnes Court Shimla-2(SH:- Providing and Fixing PVC. Flooring in Set No.1,2, 3. , Floor tiles in Set no. 4,5,6,7&8 Wire Gauge Shutter and Painting Etc.)

Estimated Cost: -Rs.121865/- only  
Earnest Money: Rs.2500/-only  
Time - One Month

S.No.	Sub head and Items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including all leads and lifts and as directed by the Engineer-in-Charge. : 35mm thick shutters deodar wood.	10.01		Sqm	
2	Providing and fixing 150x10 mm aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	18.00		No	
3	Providing and fixing 100 mm aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	18.00		No	
4	Providing and fixing bright finished brass hard drawn hooks and eyes including carriage of materials within all leads and lifts. (i) 150 mm	18.00		No	
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):(i) With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm)	9.66		Sqm	
6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	2.34		Sqm	
7	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete(i) Size of Tile 600x600 mm	41.96		Sqm	

14

389



9	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. (i) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/litre	20.02	Sqm
	Painting wood work with Deluxe Mull Surface Paint of required shade. Two or more coats applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture		Sqm
10	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality (i) 1.5 mm thick	17.10	Sqm
<b>Conditions:-</b>			
i Rates should be quoted for all heights including all leads and lifts for internal and external works.			
ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.			
iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.			

**Draft schedule  
2021-22 duly  
only.**

**Executive Engineer,  
Shimla Division No. III,  
HP. PWD. Shimla-3.**

**SCHEDULE OF QUANTITY**

Lalit

**Name of work:-** A/R & M/O to Various Road under Sub Division No. V at Barnes Court Shimla-2 (SH:- Clearing grass, removal of the rubbish in Various Road side and Maintenance of Hume Pipe Culvert)

**Estimated Cost:-** Rs. 307918/- only  
**Earnest Money :** Rs. 7600/- only  
**Time - One Month**

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared including carriage of materials in all leads and lifts.	36256.000	Sqm.	Per Square Metre	0.00
2	Maintenance of Hume Pipe Culvert by way of Cleaning, Erosion repair, repairs to Cracks, parapet wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials within all leads and lifts as per the direction of Engineer-In-Charge.	7.000	No.	Each	0.00
<b>Conditions:-</b>					<b>Total</b>

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No. V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-In-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.

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**Executive Engineer,**  
 Shimla Division No. III,  
 HP. PWD. Shimla-2

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SCHEDULE OF QUANTITY

Estimated cost:- 181492.00  
 Earnest Money:- 3650.00  
 Time :- One Month

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, tiles, marble, steel work & sanitary fittings to block C-1/18, D-1/30, 20/2 MF, D-II type-II of set No. 57,58, C-II/18 etc ) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) including carriage of materials in all leads and lifts.	0.39 Cum			Per Cubic metre.	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts. For thickness of tiles above 25 mm and up to 40 mm.	16.83 Sqm.			Per running metre	
3	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	18.41 Sqm.			Per Square metre	
4	Providing wood work in frames of false ceiling, partition etc. sawn and and pulpup in position including carriage of materials within all leads and lifts. Second class chilrai wood.	0.018 Cum			Per cubic metre	
5	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	15.48 Sqm.			Per square metre.	
6	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	29.21 Sqm.			Per square metre.	
7	Providing and fixing 0.80mm thick coloured or plain lamination sheet (summita) on boards/ply wood sheets with approved adhesive and nails etc complete. Including carriage of materials in all leads and lifts.	19.22 Sqm.			Per square metre.	
8	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	63.18 Rmt.			Per running metre.	
9	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. ) 125 mm including carriage of materials within all leads and lifts.	46.00 Nos.			Each	
10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	45.00 Nos.			Each	
11	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including carriage of materials within all leads and lifts.	13.65 Sqm			Per square meter	
12	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete 8 mm thick including carriage of materials within all leads and lifts.	15.84 Sqm			Per square meter	
13	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	92.310 Sqm			Per square meter	
14	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 lt/10 sqm over an under coat of primer applied @0.75 lt/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	92.31 Sqm			Per square meter	
15	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with Udaipur green marble including carriage of materials within all leads and lifts.	0.95 Sqm.			Per square meter	



16	Making half round nosing in marble work including jointing with cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the shade of the marble including carriage of materials in all leads and lifts.	1.80 Rmt		Per running metre
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.	235.61 Kg		Per Killogramme
18	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes - 75mm diameter including carriage of materials within all leads and lifts.	12.00 Rmt		Per running meter
	ii) 110mm diameter	36.00 Rmt		Per running meter
19	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion plain bend 110mm including carriage of materials within all leads and lifts.	3.00 Nos.		Each
	ii) 75mm.	1.00 Nos.		Each
	2 Single tee with door 110x110x110 mm	9.00 Nos.		Each
20	ii) Single tee with door 75x75x75 mm	1.00 Nos.		Each
	Providing and fixing 110mm nominal size PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	4.00 Nos.		Each
	ii) 75mm.	2.00 Nos.		Each
	2 Shoe (Plain)-110 mm Shoe.	2.00 Nos.		Each
	ii) Shoe (Plain)-75 mm Shoe.	2.00 Nos.		Each
21	Providing and fixing white vitreous china water closet squatting pan (Indian type) Orissa pattern W.C. pan of size 580x440 mm including carriage of materials within all leads and lifts.	3.00 Nos.		Each
22	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete 10 litre capacity - White including carriage of materials within all leads and lifts.	1.00 Nos.		Each
23	Providing and fixing unplasticised PVC connection pipe with brass unions 30 cm length 15 mm nominal bore including carriage of materials within all leads and lifts.	1.00 Nos.		Each
25	Providing and fixing 100mm sand CP grating for floor or nahaní trap including carriage of materials within all leads and lifts.	2.00 No		Each
26	Providing and fixing C.P. Brass soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including carriage of materials within all leads and lifts.	2.00 No.		Each
27	Providing and fixing 600mm X120mm Acrylic shelf with CP brass brackets complete, fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts.	1.00 No.		Each
28	Providing and fixing PGI Sheet 0.63mm thick in ceiling of approved quality with butt jointing and nails/screws etc. complete (frame work and fillets to be measured and paid for separately) including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge.	0.75 Sqm		Per square meter
<b>CONDITION:-</b>				<b>Total:-</b>

i) Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer- in- charge before use.

iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.

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E.E. III

Executive Engineer  
Shimla Division (NO. III)  
HP.PWD, Shimla-171003



# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 70049.00  
Earnest Money Rs. :- 1450.00  
Time :- One Month.

Name of work:- A/R & M/O various residential/ Non Residential building at Vidhan Sabha Shimla. (SH: - Supplying of materials at site for annual repair and maintenance work for various residential/ Non Residential building at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Supplying/ providing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	7.00 No.			Each	
2	Supplying/ providing C.P. brass ball cock with float 15mm (fifteen millimetre) nominal bore of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.			Each	
3	Supplying/ providing of 15mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
4	Supplying/ providing of 15mm dia G.I. union medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	18.00 No.			Each	
5	Supplying/ providing of 15mm dia gate valve with PVC coated lever complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.			Each	
6	Supplying/ providing of PVC connection pipe 15mm X 600mm of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
7	Supplying/ providing of 15mm dia 75mm length G.I. nipple of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
8	Supplying/ providing of 15mm dia G.I. tank nipple of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
9	Supplying/ providing Phynal Bottle 750ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	35.00 No.			Each	
10	Supplying/ providing toilet acid Bottle 750ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
11	Supplying/ providing Bim powder 500 grame packing of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	14.00 No.			Each	
12	Supplying/ providing floor duster of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	40.00 No.			Each	

13	Supplying/ providing table duster of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	50.00 No.			Each	
14	Supplying/ providing bamboo broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
15	Supplying/ providing Narial broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
16	Supplying/ providing soft broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
17	Supplying/ providing 600mm x 120mm acrylic glass shelf with C.P. brass bracket and guard rail complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
18	Supplying/ providing PVC sheet cover Hollow complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
19	Supplying/ providing leak stop complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 Kgs			Per Kilogramme	
20	Supplying/ providing of 100mm Nail 8No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
21	Supplying/ providing aluminium handle 100mm size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.			Each	
22	Supplying/ providing aluminium tower bolt 150mm size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
23	Supplying/ providing of 4mm thick plain glass of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	215.00 Sft			per square feet	
24	Supplying/ providing of putten glazing of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 Kgs			Per kilogramme	
25	Supplying/ providing of Silicon tube of 100ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
26	Supplying/ providing of 10.00 liters capacity PVC low level flushing system of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	9.00 No.			Each	

27	Supplying/ providing of Hydraulic door closer of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	9.00 No.				Each	
28	Supplying/ providing rubber foot mat of good/ approved quality and shade and size complete at store of vidhan Sabha section including carriage of materials within all leads and lifts.	12.00 Sft.				Per square feet	
29	Supplying/ providing of harpic of 500ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.				Each	
30	Supplying/ providing of dustbin with pedestal of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.				Each	
31	Supplying/ providing of wiper with handle of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.				Each	
32	Supplying/ providing of CP grating 100mm dia with frame of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.				Each	
33	Supplying/ providing of PVC ball cock for PVC cistern of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.				Each	
34	Supplying/ providing of CP jet with PVC pipe complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.				Each	
35	Supplying/ providing of white solid plastic seat with Lid of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.				Each	
36	Supplying/ providing of 15mm dia gun metal full way wheel valve complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.				Each	
37	Supplying/ providing drill biff for RCC 6mm size complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.				Each	
38	Supplying/ providing low level kit double syphon complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.				Each	
39	Supplying/ providing of G.I. pipe medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts:- 15mm dia.	9.00 Rmt				Per running metre	
40	Supplying/ providing of 15mm dia G.I. Elbow medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.				Each	



41	Supplying/ providing of 32mm dia CP waste pipe of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.				Each	
42	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.				Each	
43	Supplying/ providing of white cement of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 Kgs				Per kilogramme	
44	Supplying/ providing of 75mm Nail 14No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs				Per kilogramme	
45	Supplying/ providing of G.I. Limpet washer of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs				Per kilogramme	
46	Supplying/ providing of handle with rod for PVC cistern of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.				Each	
47	Supplying/ providing of 40mm Nail 14No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 Kgs				Per kilogramme	
48	Supplying/ providing of spindle for cock with washer 15mm dia of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.				Each	
49	Supplying/ providing of 20mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.				Each	
50	Supplying/ providing of 25mm X 20mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.				Each	
51	Supplying/ providing of 150mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.				Each	
52	Supplying/ providing of 150mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.				Each	
53	Supplying/ providing of 110mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.				Each	
54	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.				Each	




55	Supplying/ providing of glass cleaner spray of 200ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
56	Supplying/ providing full broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
57	Supplying/ providing M.S Powder coated curtain rod 25mm dia of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Rmt.			Per running metre	
58	Supplying/ providing of 5.50mm thick plain glass of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	80.00 Sft			per square feet	
<b>Conditions:-</b>					<b>Total</b>	

1 Rates should be quoted for all heights including all leads and lifts for internal and external works.

2 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.

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Executive Engineer,  
Shimla Division No. III,  
HP. PWD, Shimla-3.

**SCHEDULE OF QUANTITY**

Estimated cost:- 51127.00  
 Earnest Money:- 1050.00  
 Time :- One Month

*Vijay Traders*

Name of work:-A/R & M/O Various residential/Non residential buildings under Shimla Division No. III (SH:- Supplying of various items for maintenance of day to day work under Shimla Sub Division No. VII (Winter field section))

Sl. NO.	Description	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Providing & Supplying Helical door spring Heavy quality including carriage of materials in all leads and lifts.	4.00 Nos.			Each	
2	Providing & Supplying M.S. parking link Chain 6mm thick polished single joint including carriage of materials in all leads and lifts.	18.00 Kgs			Each	
3	Providing & Supplying Steel Metaled Lock size 50mm including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
4	Providing & Supplying PVC water storage tanks five layer Heavy duty including carriage of materials in all leads and lifts.	2000.00 Ltrs			Each	
5	Providing & Supplying GI Tank Nipple including carriage of materials in all leads and lifts.	4.00 Nos.			Each	
6	Providing & Supplying Ball gate Valve with PVC lever size 15mm dia including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
7	Providing & Supplying brass bib cock 15mm dia Medium duty including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
8	Providing & Supplying G.I. union 15mm dia Medium duty including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
9	Providing & Supplying G.I. Socket 15mm dia Medium duty including carriage of materials in all leads and lifts.	8.00 Nos.			Each	
10	Providing & Supplying G.I. Elbow 15mm dia Medium duty including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
11	Providing & Supplying G.I. Nipple 15x150mm dia Medium duty including carriage of materials in all leads and lifts.	6.00 Nos.			Each	
12	Providing & Supplying Aluminium ladder stairs double steps 5H single stairs Heavy duty including carriage of materials in all leads and lifts.	1.00 Nos.			Each	
13	Providing & Supplying steel drawer locks complete including carriage of materials in all leads and lifts.	2.00 Nos.			Each	
14	Providing & Supplying glass panes 4mm thick standard quality including carriage of materials in all leads and lifts.	12.00 Sft.			Per Square feet	
15	Providing & Supplying washing power including carriage of materials in all leads and lifts.	10.00 Pkt.			Per packet	
16	Providing & Supplying Wiper with long handle heavy duty including carriage of materials in all leads and lifts.	10.00 Nos.			Each	
17	Providing & Supplying Harpic for cleaning of toilet 500 ml including carriage of materials in all leads and lifts.	12.00 Nos.			Each	
18	Providing & Supplying Nanyal broom standard quality including carriage of materials in all leads and lifts.	24.00 Nos.			Each	
19	Providing & Supplying Table cluster 12"x12" standard quality including carriage of materials in all leads and lifts.	12.00 Nos.			Each	
20	Providing & Supplying Phool broome superior quality including carriage of materials in all leads and lifts.	6.00 Nos.			Each	

21	Providing & Supplying floor duster 22"x22" standard quality including carriage of materials in all leads and lifts.	12.00 Nos.	Each	
22	Providing & Supplying Vm powder standard quality including carriage of materials in all leads and lifts.	4.00 Pkt.	Per Packet	
23	Providing & Supplying Toilet Acid cleaner 750ml including carriage of materials in all leads and lifts.	10.00 Nos.	Each	
24	Providing & Supplying Phenyle white 750ml including carriage of materials in all leads and lifts.	10.00 Nos.	Each	
25	Providing & Supplying phenol urinal tablets including carriage of materials in all leads and lifts.	2.00 Doz	Per Dozen	
26	Providing & Supplying hand wash rittalls 750ml large including carriage of materials in all leads and lifts.	10.00 Nos.	Each	
CONDITION:-			Total:-	

(i) Rates should be quoted for all leads and lifts.

(ii) Sample of the materials to be supplied shall be got approved from Engineer-in-Charge. All materials should be Conforming to bureau of Indian standard.

Draft schedule of quantity No. for the year 2021-22 duly approved for Rs. 51,127/-only  
Rupees NIL Only

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Executive Engineer  
Shimla Division NO. 17  
HP.PWD.Shimla-177003

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 Issued  
 (Kumar)

**DRAFT SCHEDULE**

File of Work:- Furnishing of MLA Hostel at Metropole Shimla. (SH:- Providing furniture's articles in Set No. 301 occupied by Sh. Arun Kumar (Hon'ble MLA)).

Estimated Cost Rs.:- 249585.00  
 Earnest Money Rs.:- 5000.00  
 Time:- One Month.

Sl. No.	Items of work	Quantity	In figures		Unit	Amount
			Rate	In words		
1	Providing and placing at position Double Bed Box made of 19mm board duly finished with sunmica complete of size 6' X 6' X 15" with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	2.00 No.				
2	Providing and placing at position Center Table of size 4' X 2' X 1.5' made of teak wood with sunmica top complete with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
3	Providing and placing at position Sofa Set five seater made of teak wood with seat and back cushioned complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
4	Providing and placing at position easy chairs made of teak wood and polished complete with arm using thick foam sheet in seat and back with tapestry cloth cutting to shape stitching and fixing etc. and fixing padding with coil and cotton latex foam rubber of approved quality in seat and back including the cost of materials complete as per H.P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	4.00 No.				
5	Providing and placing in position at site steel almirah of size 84" x 28" complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
6	Providing and placing at position Office Table of size 4' X 2' X 2.5' made of teak wood with drawer duly finished with sunmica top complete with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
7	Providing and placing at position Revolving office Chair with medium seat back cushion in steel with hydraulic jack complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
8	Providing and placing at position Dining Table of size 5' X 3' made of teak wood with sunmica top complete with six no Dining Chairs of approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.				
9	Providing and placing at position PVC Chair complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	6.00 No.				



11	Providing and placing at position Shoe rack made of teak wood complete with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.
12	Providing and placing at position bed side Table duly finished with sumnica top and made of teak wood with size 18" dia and height 18" of approved shade and design finished with asian polish complete with approved shade, design and quality including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	4.00 No.
13	Providing and placing at position Deewan bed box with mattresses of size 6' X 3' X 15" made of 19mm board duly finished with 32denisty 2" thick foam and including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.
14	Providing and placing at position Revolving office Chair with low seat back cushion in steel with hydraulic jack complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	4.00 No.
	Conditions:-	1.00 No.

1.00 No.

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Executive Engineer,  
Shimla Division No. III,  
HP PWD, Shimla-3.

# SCHEDULE OF QUANTITY

20

Estimated Cost Rs. :- 175490.00  
Earnest Money Rs. :- 3550.00  
Time:- One Month.

Name of Work:- Furnishing of Council Chamber Building at H.P. Vidhan Sabha Shimla. (SH:- Providing furniture's articles in opposition leader office.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and placing at position Office Table of size 5' X 3' X 2.5' with L-counter with size 26"X1'X2.4" made of action lesa MDF preminated board complete with drawer duly finished complete with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.			Each	
2	Providing and placing at position Revolving office Chair with high seat back cushioned with leather cloth in steel with hydraulic jack complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00 No.			Each	
3	Providing and placing at position Center Table of size 3' X 1'6" X 1'6" made of teak wood with surmica top complete with approved shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	2.00 No.			Each	
4	Providing and placing at position Sofa Set three seater with seat and back cushioned complete with tapestry, approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	4.00 No.			Each	
5	Providing and placing at position visitor Chairs made of teak wood with seat and back cushioned and finished leather cloth complete with approved size, shade and design including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	6.00 No.			Each	
<b>Conditions:-</b>						
1 Rates should be quoted for all heights including all leads and lifts for internal and external works						
2 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards						
<b>Total</b>						

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E.E. III

Executive Engineer,  
Shimla Division No. III,  
HP PWD Shimla-3.

# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 347479.00  
Earnest Money Rs. :- 6950.00  
Time:- One Month.

Name of work:- Special repair to State Museum building at Chaura Maldan Shimla-4 (SH:- Construction of PCC Breast wall near Curator accommodation of State Museum at RD's 0/005 to 0/018.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	152.69 Cum			Per cubic metre.	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts:- All kinds of soil.	9.81 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.55 Cum			Per cubic metre.	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20mm nominal size.) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	33.18 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	24.48 Sqm.			Per Square metre	

	Providing weep holes in brick masonry/stone masonry/plain concrete/ reinforced concrete, abutment, wing walls with 100mm dia PVC pipe extending through the full length with of the structure with the slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specifications complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	18.65 Rmt.	Per Running metre	
7	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	152.69 Cum	Per Cubic metre	
<b>Conditions:-</b>			<b>Total</b>	

- i Rates should be quoted for all heights including all leads and lifts for internal and external works.
- ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to Bureau of Indian standards.
- iii Recovery of useful stone 25.45 Cum recovered from site will be charged / deducted from contractor @ Rs.630.00 only Per cubic metre.

  
 Executive Engineer,  
 Shipila Division No. III,  
 H.P. PWD, Shipila-3.



# **SCHEDULE OF QUANTITY**

**Name of work:- Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:- Construction of PCC Breast wall near Curator accommodation of State Museum at RD's 0/005 to 0/018.)**

Estimated Cost Rs. :- 347479.00  
Earnest Money Rs. :- 6950.00  
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - In - charge.	152.69 Cum			Per cubic metre.	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts:- All kinds of soil.	9.81 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.55 Cum			Per cubic metre.	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20mm nominal size.) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	33.18 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	24.48 Sqm.			Per Square metre	

6	Providing weep holes in brick masonry/stone masonry/plain concrete/ reinforced concrete, abutment, wing walls with 100mm dia PVC pipe extending through the full length with of the structure with the slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specifications complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	18.65 Rmt.	Per Running metre	
7	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10km for all lifts, complete as per directions of Engineer-in-charge. Note - Item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	152.69 Cum	Per Cubic metre	
<b>Conditions:-</b>				<b>Total</b>

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works.
- ii) Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards
- iii) Recovery of useful stone 25.45 Cum recovered from site will be charged / deducted from contractor @ Rs.530.00 only Per cubic metre.

  
**Executive Engineer,**  
 Shimla Division No. III,  
 H.P.W.D. Shimla-3.

**SCHEDULE OF QUANTITY**

**PPK 347**

**Name of work:** - Special Repair to Block -A Type-IV Qtrs. and Block -B Type-II at Barnes Court Shimla-2 (SH:- Construction of water storage tank Stand near Director of Health office building at Rai Bhawan Shimla-2)

**Estimated Cost:** -Rs.362578/- only  
**Earnest Money :** Rs.7300/-only  
**Time - One Month**

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all Leads and Lifts.(i) Ordinary Rock	1.76	Cum	Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts	1.76	Cum	Per Cubic Metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. including carriage of materials within all leads and lifts (i) Hot finished welded type tubes	1847.91	Kg.	Per Kilogram me	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	1687.72	Kg.	Per Kilogram me	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	138.80	Sqm	Per Square Metre	
6	Disposal of moorum/ building rubbish/ maba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for all lead and Lifts complete as per direction of Engineer- in Charge	1.76	Cum	Per Cubic Metre	
	<b>Conditions:-</b>			<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V, HPPWD, Rai Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.

**Executive Engineer,**  
Shimla Division No. III,  
HPPWD, Shimla-2



# SCHEDULE OF QUANTITY

**Name of work:** - Special Repair to Block -A Type-IV Qtrs. and Block -B Type-II at Barnes Court Shimla-2 (SH:- Construction of water storage tank Stand near Director of Health office building at Raj Bhawan Shimla-2)

**Estimated Cost:** -Rs.362578/- only  
**Earnest Money:** : Rs.7300/-only  
**Time - One Month**

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				67	
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all leads and Lifts.(i) Ordinary Rock	1.76	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts	1.76	Cum			Per Cubic Metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete, including carriage of materials within all leads and lifts.(i) Hot finished welded type tubes	1847.91	Kg.			Per Kilogram me	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	1687.72	Kg.			Per Kilogram me	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	138.80	Sqm			Per Square Metre	
6	Disposal of moorum/ building rubbish/ matba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for all lead and Liftscomplete as per direction of Engineer- in Charge	1.76	Cum			Per Cubic Metre	
	<b>Conditions:-</b>					<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V, HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

**Executive Engineer,**  
Shimla Division No. III,  
H.P. PWD, Shimla-3



# SCHEDULE OF QUANTITY

Name of work: - Special Repair to Block-A Type-IV Qtrs. and Block -B Type-II at Barnes Court Shimla-2 (SH:- Construction of water storage tank Stand near Director of Health office building at Rai Bhawan Shimla-2)

Estimated Cost: -Rs. 362578/- only

Earnest Money: - Rs. 7300/- Only

Time - One Month

S.No	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all Leads and Lifts. (i) Ordinary Rock	1.76	Cum	Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts	1.76	Cum	Per Cubic Metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. including carriage of materials within all leads and lifts. (i) Hot finished welded type tubes	1847.91	Kg.	Per Kilogram me	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gales and similar works including carriage of materials within all leads and lifts.	1687.72	Kg.	Per Kilogram me	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 lit/ 10 sqm over an under coat of primer applied @ 0.80 lit/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	138.80	Sqm	Per Square Metre	
6	Disposal of moonrui/ building rubbish/ maba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for all lead and Lifts complete as per direction of Engineer- in Charge	1.76	Cum	Per Cubic Metre	
Conditions:-				Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer,

Shimla Division No. III,

HPPWD, Shimla-2

# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 229367.00  
Earnest Money Rs. :- 4600.00  
Time:- One Month.

293

Krishan Singh

Name of work:- Special Repair to MLA's Hostel at Metropole Shimla. (SH:- Providing and fixing Pine wood Ceiling and Polishing etc. in set No. 703.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	59.03 Sqm			Per square metre	
2	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.39 Cum			Per Cubic metre	
3	Providing and fixing 12mm thick water proof kit ply of standard quality of approved shade and colour in paneling and wall lining with butt jointing and nails (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	59.03 Sqm			Per square metre	
4	Providing and fixing 12mm thick pine wood plank of approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) including carriage of material within all leads and lifts.	59.03 Sqm.			Per square metre	
5	Providing and fixing corner beading 40mm X 40mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts.-1st class deodar wood.	72.48 Rmt.			Per running metre.	
6	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts	64.95 Sqm			Per square metre	
7	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	54.43 Sqm.			Per square metre.	
8	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	54.43 Sqm			Per square metre	
9	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	136.08 Sqm			Per square metre	

10 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including cartage of materials within all leads and lifts.

Conditions:-

1 Rates should be quoted for all heights including all leads and lifts for internal and external works.  
2 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the materials which are available as per Indian standard in the market should confirm to Bureau of Indian standards.

88.54 Sqm					Per square metre	
Total						

Executive Engineer,  
Shimla Division No. III,  
HP PWD, Shimla-3.

**SCHEDULE OF QUANTITY**

*(Signature)*

**S. Vijay**

**Name of work: - Special Repair to RDH Complex at IGMC Shimla (SH:- Providing and Laying Chequered Tiles, Door Shutters, Wire Gauge Shutters, Steel Work and Painting etc. in RDH. Complex)**

Estimated Cost. -Rs. 499976/- only  
Earnest Money. Rs 10000/-only

490

**S No Sub head and items of work**

Time - One Month

S No	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Demolition below G.L. upto all depth and disposal of unserviceable materials within all leads 15.01 and lifts :-Un-reinforced cement concrete upto 15cm thickness.	15.01			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.46			Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.92			Per Cubic Metre	
4	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.60			Per Cubic Metre	
5	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/worksop to construction site including placing in position and binding all complete upto plinth level. (i) Thermo-Mechanically Treated bars of grade Fe-500D or more. Including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	550.00			Per Kilogramme.	
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : (i) Cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.30			Per Cubic Metre	
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position. including carriage of materials with in all leads and lifts. (a) Second Class Deodar Wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.36			Per Cubic Metre	
8	Providing and fixing paneled glazed or paneled and glazed shutters for doors, windows and clerestory windows including black enameled iron butt hinges with necessary screws: with in all leads and lifts. (i). 40mm thick (a) Second Class Deodar Wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.88			Per Square Metre	



9	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of 1 S. gauge designation 85G with wire of dia. 0.56mm for doors, windows and clearstory windows including bright finished black enameled iron butt hinges with necessary screws. including carriage of materials with in all leads and lifts. (a) 35mm thick (ii) Second Class Deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.54	Sqm			Per Square Metre	
10	Providing and fixing oxidized M.S. sliding door bolts with nuts and screws etc. complete including carriage of materials with in all leads and lifts. (i) 250x16mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	No			Each	
11	Providing and fixing oxidised M.S. lower bolts (barrel type) with necessary screws etc. complete including carriage of materials with in all leads and lifts. (i) 200x10mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.00	No			Each	
	(ii) 150x10mm	14.00	No			Each	
12	Providing and fixing oxidized M.S. handles with the necessary screws etc. complete including carriage of materials with in all leads and lifts. (i) 125 mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	16.00	No			Each	
	(ii) 100mm	14.00	No			Each	
13	Steel work bolted in built up sections including cutting, hoisting, fixing in position and applying priming coat of red lead paint including carriage of material within all leads and lifts. (i) In Gratings Framed Guard Bars Ladders and similar works. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	690.00	Kg.			Per Kilogramme	
14	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.00	Sqm.			Per Square Metre	
15	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of material in all leads and lifts as per direction of the Engineer in Charge. (i) Medium shade pigment using 50% white cement, 50% ordinary cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	65.97	Sqm.			Per Square Metre	
16	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.30	Sqm			Per square metre	

17	15mm Cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering upto floor two level including arrises, internal rounded angles, cisterns and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:6 (1 Cement:6 Sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	22.30	Sqm.				Per square metre	
18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. Two or more coats on New work on steel complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.00	Sqm.				Per square metre	
19	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : (i) Two or more coats on new work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	78.50	Sqm.				Per square metre	
20	Finishing walls with Acrylic Smooth exterior paint of required shade : (i) Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	293.00	Sqm.				Per square metre	
21	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	78.50	Sqm.				Per square metre	
22	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	260.05	Sqm.				Per square metre	
23	Disposal of moorum / Building rubbish/ Malba/ Similar unserviceable, dismantled or waste material by mechanical Transport including loading, transporting, unloading to approved municipal dumping ground for all lead and lifts, Complete as per directions of Engineer-in-Charge	15.01	Cum				Per Cubic Metre	
<b>Conditions:-</b>							<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
HPPWD, Shimla-1

# SCHEDULE OF QUANTITY

25

M. M. S. S.

Estimated Cost Rs. :- 288974.00  
Earnest Money Rs. :- 5800.00

Time:- One Month.

Name of Work:- Special repair to residential building under Vidhan Sabha Sub Division Shimla. (SH: - Renovation of Kitchen, Room ceiling, Floor, Painting and distemper etc. in set No. 19 type-I at Balquali Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Nominal concrete 1:3:6 or richer mix (If/c equivalent design mix).	1.67 Cum			Per cubic metre.	
2	Dubbing out an old irregular walls average 15mm thick with cement mortar 1:6 (1 Cement : 6 sand) including carriage of materials in all leads and lifts.	39.40 Sqm.			Per square metre.	
3	Centering and shuttering including strutting, propping etc. and removal of form for - Suspended floors, roofs, landings, balconies and access platform and Shelves (Cast in situ) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.26 Sqm.			Per square metre.	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	1.67 Cum.			Per cubic metre.	
5	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1cement : 1.5 coarse sand) : 3 graded stone aggregate 20mm nominal size), upto floor all level complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	0.95 Cum			Per cubic metre	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	57.00 Kgs			Per cubic metre.	
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand)complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	24.30 Sqm			Per square metre	
8	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	2.61 Sqm			Per square metre.	



9	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - In - charge.- Rail/Chilukail wood.	0.47 Cum	Per cubic metre	
10	Providing and fixing 0.63mm thick PGI sheet ceiling/ lining of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	23.65 Sqm.	Per square metre	
11	Providing and fixing 50x12 mm size hard wood moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. in 2nd class teak wood complete including carriage of materials within all leads and lifts.	23.65 Rmt	Per running metre	
12	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC-10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	1.00 No.	Each	
13	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 150x10 mm size.	2.00 No.	Each	
(ii)	100mm x 10mm size.	4.00 No	Each.	
14	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 125mm size.	2.00 No.	Each.	
(ii)	100mm size.	2.00 No	Each.	
15	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts.	10.35 Sqm.	Per square metre.	
16	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts.	47.46 Sqm.	Per square metre.	
17	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:- 1.00mm thick complete including carriage of materials within all leads and lifts.	12.09 Sqm.	Per square metre.	
18	Providing and fixing 2nd class hard wood lipping/ moulded beading or taj beading of size 18mmX5mm fixed with wooden adhesive of approved quality and screws/ nails on the edges of the Pre-laminated particle board as per direction of Engineer-In-charge.	60.00 Rmt.	Per Running Metre.	



19	Providing and laying vitrified floor tiles of 600mm X 600mm sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.30 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	26.63 Sqm	Per Square metre	
20	Providing and laying vitrified tiles of 600mm X 600mm sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials within all leads and lifts.	13.05 Sqm.	Per Square metre	
21	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	2.09 Sqm.	Per Square metre	
22	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	15.00 No.	Each	
23	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	11.00 No	Each	
24	15mm cement plaster on the rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand) including carriage of materials within all leads and lifts.	26.10 Sqm.	Per square metre	
25	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inciding carriage of materials within all leads and lifts.	10.35 Sqm.	Per Square metre	
26	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	58.31 Sqm	Per square metre.	
27	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	58.31 Sqm	Per square metre	
28	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution including carriage of materials within all leads and lifts.	58.31 Sqm	Per square metre	

29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	15.50 Sqm			Per square metre	
30	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	70.83 Sqm			Per square metre	
31	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	28.33 Sqm			Per square metre	
32	Providing and fixing Stainless Steel A IS 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40mm, including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink without drain 610x510 mm bowl depth 200mm complete including carriage of materials within all leads and lifts.	1.00 No.			Each.	
33	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials within all leads and lifts. 10 litre capacity - White.	1.00 No.			Each	
<b>Conditions:-</b>						<b>Total</b>

*/ Rates should be quoted for all heights including all leads and lifts for internal and external works.*

*II Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any of all the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards*

Executive Engineer,  
Shimla Division No. III,  
H.P. PWD, Shimla-3.

# SCHEDULE OF QUANTITY

26

Estimated Cost Rs. :- 298079.00  
Earnest Money Rs. :- 6000.00

Time:- One Month.

Name of work:- Special Repair to various Non residential building under Shimla Division No. III. (SH: - Providing and laying stone polyester flooring (SPC) in the court room in seventh floor in High Court Building.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing stone polymer composite (SPC) flooring with plank size 6" X 48", 6mm thick of high definition with termite proof, water proof, non toxic, fire retardant properties and EVA cushion backing for sound reduction of approved shade, design, colour sec complete as per direction of the Engineer-in-Charge with carriage of materials within all leads and lifts.	73.06 Sqm.			Per square metre.	
2	Providing and fixing stone polymer composite half round corner beading to high designation with pormite proof water proof non toxic fire retardant properties and EVA cushion backing for round reduction of approved shade design coloured complete as per direction of the Engineer-in-Charge with carriage of materials within all leads and lifts.	47.70 Rmt.			Per running metre.	
3	Providing and fixing door profiles to high designation with pormite proof water proof non toxic retardent proportion and EVA (SPC) cushion backing for round reduction of approved shade, design, coloured complete as per direction of the Engineer-in-Charge with carriage of materials within all leads and lifts.	1.50 Rmt.			Per running metre.	
4	Providing and fixing aluminium Plain Strip edging 30mm X 30mm X 1.55mm thick in stairs complete as per direction of the Engineer-in-Charge with carriage of materials within all leads and lifts.	16.40 Rmt.			Per running metre.	
	<b>Conditions:-</b>					<b>Total</b>

1 Rates should be quoted for all heights including all leads and lifts for internal and external works.

2 Sample of all the materials to be used on work shall be got approved from the Engineer-in-Charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to Bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
HP PWD Shimla-3.

# SCHEDULE OF QUANTITY

*(Signature)*

Estimated Cost Rs. :- 229367.00  
Earnest Money Rs. :- 4800.00

Time:- One Month.

*Levishan Singh*

Name of work:- Special Repair to M.L.A's Hostel at Metropole Shimla. (SH:- Providing and fixing Pine wood Ceiling and Polishing etc. in set No. 704.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	59.03 Sqm			Per square metre	
2	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.39 Cum			Per Cubic metre	
3	Providing and fixing 12mm thick water proof kit ply of standred quality of approved shade and colour in paneling and wall lining with butt jointing and nails (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	59.03 Sqm			Per square metre	
4	Providing and fixing 12mm thick pine wood plank of approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) including carriage of material within all leads and lifts.	59.03 Sqm.			Per square metre	
5	Providing and fixing cornor beading 40mm X 40mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts:- 1st class deodar wood.	72.48 Rmt.			Per running metre.	
6	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	64.95 Sqm			Per square metre	
7	Removing dry or oil bound distemper water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	54.43 Sqm.			Per square metre.	
8	Providing and applying white cement based putty of average thickness 1.00mm of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	54.43 Sqm			Per square metre	
9	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	136.08 Sqm			Per square metre	



88.54 Sqm

Per square  
metre

Total

1

Ropes should be checked for all heights (including all leads and lifts for internal and external works.

If Samples of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
H.P. P.W.D. Shimla-3

SCHEDULE OF QUANTITY			
Name of work: - AVR & M/O Himachal Hospital of Mental Health and Rehabilitation at Shimla. (SH: -			
Inside painting and Distemping of Hospital Building etc.)			
		Estimated Cost: -Rs. 419622/- only	28
		Earnest Money : Rs. 9400/- Only	
		Time - One Month	

S No	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	6
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	5692.85	Sqm	Per square metre	7
2	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	1160.17	Sqm	Per square metre	
3	Finishing walls with Acrylic Smooth exterior paint of required shade old work (One or more coat applied @ 0.90ltr/10sqm) complete including carriage of materials within all leads and lifts.	265.80	Sqm	Per square metre	
4	Removing dry or oil bound distemper, water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	853.92	Sqm	Per square metre	
5	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	853.92	Sqm	Per square metre	
	Conditions:-			Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work. Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer,  
Shimla Division No. II,  
HPPWD, Shimla-1.

# SCHEDULE OF QUANTITY

Estimated cost:- 367659.00  
Earnest Money:- 7400.00  
Time :- One Month

Name of work:- Special repair to Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Ceiling, panelling, painting etc in Marlin Park Cottage type-V, Ground floor etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts. Second class chitrul wood.	0.785 Cum			Per cubic metre	
2	Providing and fixing 8mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	22.170 Sqm.			Per Square metre	
3	Providing and fixing 12 mm thick pine wood 1st class imported in ceiling with tongue and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of materials in all leads and lifts.	131.320 Sqm			Per square meter	
4	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood 50x50 mm. (base and height) including carriage of materials in all leads and lifts.	89.24 Rmt.			Per running metre.	
5	Providing and fixing 4mm thick teak ply in ceiling/lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	29.92 Sqm.			Per Square metre	
6	Providing and fixing plain square edged cover fillets (beading) 19mm X 6mm section including mitring at junction with wooden screws /nails etc. complete in teak wood including carriage of materials within all leads and lifts.	80.22 Rmt			Per running meter	
7	Providing and fixing magnetic catcher of approved quality in cupboard/ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	64.00 Nos.			Each	
8	Providing and fixing bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete including carriage of materials within all leads and lifts. 125 mm size.	37.00 Nos.			Each.	
9	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- In-charge including carriage of materials within all leads and lifts. 125 mm size.	4.00 Nos.			Each.	
10	Painting with synthetic enamel paint on wood of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials in all leads and lifts.	143.750 Sqm.			Per square metre.	
11	Polishing on wood work with ready mixed wax polish of approved brand and manufacture New work including carriage of materials within all leads and lifts.	161.240 Sqm			Per square meter	
12	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	143.750 Sqm			Per square meter	
CONDITION:-					Total:-	

- 9 Rates should be quoted for all heights including all leads and lifts for internal and external works.  
10 Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer- In- charge before use.  
11 Sample of all the material to be used on work shall be got approved from the Engineer-In-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.

Executive Engineer  
Shimla Division NO.III.  
HP, 17400 Shimla-171003

**SCHEDULE OF QUANTITY**

**Name of work:** -Special repair to Medical College at IGMC Shimla. (SH: - Providing and fixing UPVC window and Ventilator at Room No. 406 at Pathology lab at IGMC Shimla.)

Estimated Cost: -Rs. 122636/- only  
 Earnest Money: Rs.2500/-only  
 Time - One Month

S No	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				6	7
1	P/F CN01 60 Casement System 5mm Clear Toughened Glass Dimension TypeFrame Size from RO Reinforcement Full Coextruded Bead No 60mm Hinged Series 60 Casement System Colour White Window O/F 58mm+R15 Frame T/M 72mm+R15 C'ment T-Sash 78mm+R15 Bead Shape Sloped 1 Cmnt Gasket Type 1 Paint 3S No FlyscreenWindow No Fittings Supplier Generic Fittings1 Handle Colour White SH Handle Handle w/o key C'mnt Backset 22mm SH Hinge Type Friction Hinge Hinge Material SS Hinge Supply Type T/C of material in all lead and lift.	3.03	Sqm			Per square metre	
2	P/F CN01 60 Casement System 5mm Clear Toughened GlassDimension Type Frame Size from RO Reinforcement Full Coextruded Bead No Frame Depth 60mm Hinged Series 60 Casement System Colour White Window O/F 58mm+R15 Bead Shape Sloped 1 Cmnt Gasket Type Type 1 Paint 3S No Supply Type T/C of material in all lead and lift.	3.04	Sqm			Per square metre	
3	P/F CN03 60-95 Sliding System 5mm Clear Toughened Glass Dimension Type Frame Size from RO Reinforcement Full Coextruded Bead No FlyscreenFull Frame Depth 60mm Slider Series 60-95 Sliding System Colour White Slider O/F 52mm_3T+R15 Al Rail Rail 1SL Sash+Interlock 66mm+R15 Flyscreen Sash 66mm+R15 SL Flyscm Midrail None Fly Mesh Type SS BLACK SL Gasket Type Type 1 Paint 3S No FlyscreenColour Black FlyscreenWindow Yes Flyscreen Type SS Mesh Fittings Supplier Generic Fittings1 Handle Colour White SD Handle Outer SL handle FlyScrn HandlesSL Handle SL Roller Single Roller 50kg-SL 1U0012 Slider Backset 7.5/8mm FlyScrn RollerSingle Roller V/G 25KG Espag Material CS SI Screen Backset 7.5/8mm Roller Supplier Fitting Supplier Supply Type T/C of material in all lead and lift	2.22	Sqm			Per square metre	
4	P/F CN01 60 Casement System 4mm Clear Toughened Glass Dimension Type Frame Size from RO Reinforcement Full Coextruded Bead No Frame Depth 60mm Hinged Series 60 Casement System Colour White Window O/F 58mm+R15 Bead Shape Sloped 1 Cmnt Gasket Type 1 Paint 3S No Supply Type T/C of material in all lead and lift.	0.88	Sqm			Per square metre	

30



5	P/F CNO1 60 Casement System (G1) 4mm Clear Toughened Glass (G2) 12mm pvc form panel ex-Fan in glass Dimension Type Frame Size from RO Reinforcement Full T-joints mechanical Coextruded Bead No Frame Depth 60mm Hinged Series 60 Casement System Colour White Window O/F 56mm+R15 frame T/M 72mm+R15 frame match conn match connector 1 Bead Shape Sloped 1 Cmm Gasket Type 1 in ex Fan in frame Paint 3S No Supply Type T/C of material in all lead and lift	1.08	Sqm					Per square metre	
	Conditions:-							Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be changed.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian Standard in the market should confirm to bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
H.P.W.D. Shimla-3.

**SCHEDULE OF QUANTITY**

*Sh. Kalyan Choudhary*

**Name of work:** - Special Repair to HP. Public Service Commission office building at Nigam Vihar Shimla (SH:- C/O UPVC window, Pannelled Glazed shutters, Door Shutters, HDF, Flooring 1mm thick wall paper, Painting and Distemping etc. in member No.2 ( Room No.17) 1st Floor)

Estimated Cost: -Rs.217980/- only

Earnest Money: Rs.4400/-Only

Time - One Month

36

S.No.	Sub head and items of work	Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials within all leads and lifts.(i) Of area 3 sq. metres and below	3.00	No.			Each	
2	Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately)(i) Casement window double panels with S.S. friction hinges (350 x 19 x 1.9 mm) made of (big series)frame 67 x 60 mm & sash / mullion 67 x 60 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead/ double glazing bead of appropriate dimension. (Area of window above 1.50 sqm).including carriage of materials within all leads and lifts	5.02	Sqm			Per Square Metre	
3	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.including carriage of materials within all leads and lifts.(a) 35mm thick (i) Second Class Deodar wood	2.26	Sqm			Per Square Metre	
4	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc complete including carriage of materials within all leads and lifts.(a) 35mm thick (i) 150x10 mm	2.00	No.			Each	

5	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.including carriage of materials within all leads and lifts	1.00	No.			Each	
6	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.including carriage of materials within all leads and lifts	1.00	No.			Each	
7	Providing and fixing high density fiberboard (HDF) in Flooring / wall lining Pre-laminated one side decorative and other side plain, having density of 800-1000 kg/m <sup>3</sup> with necessary fixing arrangement and screws etc. complete including carriage of materials within all leads and lifts (i) 8mm Thick	31.27	Sqm			Per Square Metre	
8	Providing & Fixing Coloured pattern wallpaper 1mm thick inwalls after finishing surface with adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.including carriage of materials within all leads and lifts	58.04	Sqm			Per Square Metre	
9	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)including carriage of materials within all leads and lifts	3.23	Sqm			Per Square Metre	
10	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.including carriage of materials within all leads and lifts	11.22	Sqm			Per Square Metre	
11	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.including carriage of materials within all leads and lifts	14.45	Sqm			Per Square Metre	
12	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade.including carriage of materials within all leads and lifts (i) One or more coats on old work	31.29	Sqm			Per Square Metre	
13	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts	6.00	Sqm			Per Square Metre	

13	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm including carriage of materials within all leads and lifts	6.00	Sqm			Per Square Metre	
	Conditions:-					Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
HPPWD, Shimla.



SCHEDULE OF QUANTITY

32

Estimated Cost Rs. :- 207032.00

Earnest Money Rs. :- 4150.00

Time:- One Month.


Name of work:- Special Repair to Annadale View Building (Hon'ble Speaker residence) at Chaura Maidan Shimla. (SH: - Construction of retaining wall, steps for stair, M.S. Railing and painting etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Ordinary rock.	5.09 Cum			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.68 Cum			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 cement : 3 coarse sand) : 6graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	20.11 Cum.			Per cubic metre.	
4	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	25.06 Sqm.			Per Square metre	
5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	6.88 Cum			Per cubic metre	
6	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including carriage of materials within all leads and lifts:- Hot finished welded type tubes.	481.20 Kg.			Per kilogramme metre.	

7	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) complete including carriage of materials within all leads and lifts:- Medium shade pigment using 50% white cement 50% Grey cement.	15.44 Sqm.			Per Square metre	
8	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture ncluding carriage of materials within all leads and lifts.	14.82 Sqm			Per square metre	
9	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	45.48 Sqm			Per square metre	
10	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	46.42 Sqm			Per square metre	
<b>Conditions:-</b>					<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for Internal and external works.

ii Sample of all the materials to be used on work shall be got approved from the Engineer-In-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

  
Executive Engineer,  
Shimla Division No. III,  
H.P.W.D. Shimla-3.

# SCHEDULE OF QUANTITY

33

B. K. S. S. S.

Estimated Cost Rs. :- 313365.00

Earnest Money Rs. :- 6300.00

Time:- One Month.

Name of work:- Special Repair to various residential building under Shimla Division No. III. (SH: - Construction of PCC retaining wall near Toilet Block at RD's 0/00 to 0/09.55 near Balquall Building at Chaura Maidan Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	36.10 Cum			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	66.09 Sqm.			Per Square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :-1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40mm nominal size) including carriage of materials within all leads and lifts.	4.53 Cum			Per Cubic metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :- 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	5.42 Cum			Per cubic metre	
5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :-1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 20 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	27.46 Cum			Per cubic metre	

6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	28.00 Cum			Per cubic metre	
7	Providing weepholes in brick masonry/stone masonry, plain/ reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	12.80 Rmt.			Per Running metre	
8	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	6.27 Cum			Per Cubic metre	
9	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	2.78 Cum			Per Cubic metre	
10	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts.	7.88 Cum			Per Cubic metre	
<b>Conditions:-</b>					<b>Total</b>	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.

ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Executive Engineer,  
Shimla Division No. III,  
HP.PWD. Shimla-3.