

**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 PWD Shimla half of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before 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 10-11-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 09-11-2021.

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 perform 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	S/R to Nurses Hostel at DDUZH Shimla(SH:- P/F tiles in 2 <sup>nd</sup> floor of Nurses hostel gallery and passage to adjoining building at DDUZH Shimla).	Rs.2,76,223/-	Rs.5550/-	One Month	6&8	350/-
2	A/R & M/O to Raj Bhawan building at Shimla(SH:- P/F wooden paneling and polishing etc in family suit of Hon'ble Governor namely(Kamna)	Rs.2,32,037/-	Rs.5000/-	One Month	6&8	350/-
3	S/R to residential building under Division No.III Shimla. (SH:-Dismantling work, P/L CC work, Steel work, Brick work etc in old Judges residence banglow No-6 at harvington Estate Shimla).	Rs.3,71,666/-	Rs.7500/-	One Month	6&8	350/-
4	A/R & M/O Medical College building at IGMCM Shimla(SH:- P/F Steel work, CGI sheet/BP Sheet and pre-painted sheet roofing).	Rs.1,55,344/-	Rs.3800/-	One Month	6&8	350/-
5	S/R to residential building under Division No.III Shimla. (SH:-P/F PVC water storage tanks covering with welded mesh to Governor security Guard building at Raj Bhawan Shimla).	Rs.1,25,906/-	Rs.2550/-	One Month	6&8	350/-
6	A/R & M/O to residential building under Division No.III Shimla. (SH:-L/F wood work, shuttering ply of 1 <sup>st</sup> floor of set No.1 at Yates Place near Raj Bhawan Shimla).	Rs.99,952/-	Rs.2000/-	One Month	6&8	350/-
7	Addition and Alteration in attic floor of medical College building at IGMCM Shimla(SH:- P/F Cupboard).	Rs.4,81,926/-	Rs.9700/-	One Month	6&8	350/-
8	S/R to various residential building under Division No.III Shimla. (SH:-Balance work of Dismantling work,P/F pre-painted sheet roofing, steel work in Set no.4&5 of harvington Estate Shimla).	Rs.4,19,100/-	Rs.8400/-	One Month	6&8	350/-
9	A/R & M/O Ellerslie main building and Armsdale Building at HP Sectt. Shimla(SH:- Minor Srepair work in Ellerslie main building and Armsdale building etc.).	Rs.1,50,374/-	Rs.3010/-	One Month	6&8	350/-
10	A/R & M/O to Raj Bhawan building at Shimla(SH:- Painting plastic emulsion in Tara room, Kamna room, Vanshovha rooms, OSD to Hon'ble Governor room, Vayas and Monal room and P/F 5000ltr. Water storage tank with GI pipe line 25mm dia and 20mm dia).	Rs.1,77,080/-	Rs.3600/-	One Month	6&8	350/-
11	A/R & M/O to residential building under Division No.III Shimla. (SH:-Renovation of type-III Qtrs. Block No.1 of set no.3 at Raj Bhawan Shimla).	Rs.1,35,540/-	Rs.2800/-	One Month	6&8	350/-
12	A/R & M/O to residential building under Division No.III Shimla. (SH:-Repair of cupboards, painting and distempering etc in block I set No.9 at U.S.Club Shimla).	Rs.1,49,580/-	Rs.3000/-	One Month	6&8	350/-
13	S/R to residential building under Division No.III Shimla. (SH:-P/F shuttering ply, PVC flooring & sanitary fittings and teak ply in cupboards to type-IV qtrs. Block "A" of set no.3&4 at Barnes Court Shimla).	Rs.1,72,678/-	Rs.3500/-	One Month	6&8	350/-
14	Improvement of road from Navbahar to Holtdodge Km. 0/00 to 2/670(SH:-Repair of drain at RD. 1/900 to 1/945 with steel grating).	Rs.4,93,243/-	Rs.9900/-	One Month	6&8	350/-
15	S/R to flowery culture Directorate of Horticulture building at Navbahar Shimla(SH:- P/F work stations etc.).	Rs.3,56,993/-	Rs.7140/-	One Month	6&8	350/-
16	A/R & M/O to type-IV Set no.1 to 8 at Barnes Court Shimla(SH:-P/L stone soling and CC 1:4:8 in court yard).	Rs.1,03,809/-	Rs.2100/-	One Month	6&8	350/-
17	A/R & M/O non residential building under Division No.III Shimla. (SH:-Outside painting & distempering from 3 <sup>rd</sup> floor to 6 <sup>th</sup> floor corridor in front of office rooms & painting on doors & windows 5 <sup>th</sup> to 6 <sup>th</sup> floor corridor in O/O E-in-C at Nirman Bhawan, Nigam Vihar Shimla).	Rs.91,938/-	Rs.1840/-	One Month	6&8	350/-
18	Installation of Oxygen plant near Old parking at DDUZH Shimla(SH:- C/O roof/truss).	Rs.4,02,056/-	Rs.8100/-	One Month	6&8	350/-
19	S/R to residential building under Division No.III Shimla. (SH:-P/F sofa set and centre table in residential accommodation in Benmore-5).	Rs.1,53,00/-	Rs.3060/-	One Month	6&8	350/-
20	S/R to RKMV College Long wood Shimla(SH:- Balance work of renovation of toilet in Science block with water proofing treatment etc.).	Rs.3,05,840/-	Rs.6100/-	One Month	6&8	350/-
21	S/R to Himachal Hospital of Mental Health and rehabilitation at Shimla(SH:- Dismantling work, RCC work, P/F cupboard, painting and distempering in hospital kitchen etc.).	Rs.1,47,690/-	Rs.3000/-	One Month	6&8	350/-

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,  
HP.PWD.Shimla-3.

Dated:-

31/21

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,  
HP.PWD.Shimla-3.

Estimated cost:- 276223.00  
 Earnest Money:- 5550.00  
 Time :- One Month  
 Name of work:- Special repair to Nurses Hostel at DDUZ hospital Shimla. (SH:- Providing & fixing tiles in 2nd floor of Nurses Hostel Gallery and passage to adjoining building) at DDUZ hospital Shimla.

SCHEDULE OF QUANTITY

10  
 9  
 11-11-81

Sl. NO.	Description	Qty.	In Figures.	Rate		Unit	Amount
				In Words	In Figures.		
1	Providing and laying vitrified floor tiles 600x600mm 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.	136.70 Sqm				Per square meter	
2	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.	741.00 Kg				Per Kilogramme	
3	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 4.0 mm thick glass panes including carriage of materials within all leads and lifts.	13.23 Sqm				Per square meter	
4	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 drilling/ 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 materials within all leads and lifts.	11.16 Sqm				Per square meter	
CONDITION:-							
Total:-							

9) 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.

Executive Engineer  
 Shimla Division NO. 11  
 HP.PWD, Shimla-171003



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

Estimated Cost - Rs 232037/- only  
Earnest Money - Rs 5000/- only

Time - One Month

SCHEDULE OF QUANTITY

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	0.245	Cum	Per Cubic Metre	
2	Providing and fixing plain lining with 12mm 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	42.90	Sqm.	Per Square Metre	
3	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/paneling/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.	42.90	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)	202.25	Rmt.	Per Running Metre	
	(iii) 20x20mm ( For patter Beading)	264.76	Rmt.	Per Running Metre	
	(iii) 90x20mm (Top Beading of Wall lining)	15.05	Rmt.	Per Running Metre	
	(iii) 75x20mm (Top Beading of Wall lining)	15.50	Rmt.	Per Running Metre	
	(iv) 100x20mm ( As Skirting)	40.50	Rmt.	Per Running Metre	
5	Providing and fixing chromium plated brass butt hinges with necessary chromium plated brass screws etc. complete including carriage of materials within all leads and lifts (i) 125x70x4 mm (ordinary type)	12.00	No	Each	
6	Renewing glass panes, with wooden fillers wherever necessary including carriage of materials within all leads and lifts (i) Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	2.55	Sqm.	Per Square Metre	
7	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts (i) 125 mm	8.00	No	Each	
	(ii) 100 mm	6.00	No	Each	

		Conditions:-				Rates should be quoted for all heights including all leads and lifts for internal and external works.	
		8	9				
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.	4.00	No				
complete including carriage of materials within all leads and lifts	French spirit polishing including carriage of materials within all leads and lifts	133.01	Sqm.				
or more coats on new works including a coat of wood filler							
	Each		Per Square				Total
			Metre				

!! 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.  
 !!! 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,  
 HP PWD. Shimla-3.

**SCHEDULE OF QUANTITY**

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

Estimated Cost: -Rs.371666/- only  
Earnest Money : Rs. 7500/-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	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.	37.25	Cum	Per cubic metre	7
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.	5.47	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 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	23.92	Cum	Per cubic 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 within carriage of material in all leads and lifts.	16.14	Cum	Per cubic metre	
5	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.	1.93	Cum	Per cubic metre	
6	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 including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge:- Cement mortar 1:4 (1 cement :4 coarse sand.)	13.75	Sqm	Per square metre	
7	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform complete within carriage of material in all leads and lifts.	1.25	Sqm	Per square metre	
8	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.	0.32	Cum	Per cubic metre	
9	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.	46.72	Kg.	Per Kilogram	

10	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 in all leads and lifts.	933.04	Qtl.			Per quintal
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.	29.80	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 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. III,  
HP. PWD. Shimla-3



**SCHEDULE OF QUANTITY**

**Name of work:** - A/R & M/O Medical College Building at IGMC Shimla (SH):- Providing and fixing Steel work, CGI Sheet/ BP Sheet and Prepainted sheet Roofing.)

Estimated Cost: -Rs. 155344/- only

Earnest Money : Rs. 3800/-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	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within carriage of material in all leads and lifts:-G.S. Sheet.	44.07	Sqm		Per Square Metre	
2	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.	816.00	Kg		Per Kilogram	
3	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 1.60 mm thick with zinc coating not less than 350 gm/m <sup>2</sup> as per the direction of Engineer-in-Charge including carriage of material in all leads and lifts.	7.50	Rmt.		Per Running Metre	
4	Providing and fixing prepainted galvanised steel sheet roofing 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).	10.90	Rmt.		Per Running Metre	
5	Providing and fixing precoated 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 drilling /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 as per the direction of Engineer-in-Charge including carriage of material in all leads and lifts.	25.60	Sqm		Per Square Metre	
6	Providing and fixing M.S. B P Sheet 2.00mm 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.	2.73	Sqm		Per Square Metre	

7	Providing and fixing polycarbonatd transparent sheet 2.00mm thick in roofing with self drilling screws complete with all accessories as required as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	18.00	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, 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. III,  
HP. PWD. Shimla-3.





**SCHEDULE OF QUANTITY**

**Name of work:** -Special repair to various residential buildings under Shimla Division No. III {SH: - Providing & fixing PVC water storage tanks Covering with welded mesh to Governor.s security Guards building at Raj Bhawan Shimla-2).

Estimated Cost -Rs125906/- only

Earnest Money : Rs 2550/-Only

Time - One Month

S N O	Sub head and items of work	Qty.		Rate		Unit	Amount
		3		In figure	In words		
1	2					6	7
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto all leads and lift upto 1.5 m, as directed by Engineer-in-charge including carriage of materials within all leads and lifts. Ordinary rock	0.90	Cum			Per cubic meter	
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	0.90	Cum			Per cubic meter	
3	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.	690.63	Kg			Per Killogram me	
4	Providing and fixing M.S. welded mesh 25mm x 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	32.40	Sqm			Per square meter	
5	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials within all leads and lifts.	4000.00	ltr.			Per liter	
6	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc 15 mm dia nominal bore including carriage of materials within all leads and lifts	12.20	Rmt			Per running meter	
7	Providing and fixing 15 mm nominal bore ball valve (brass) of approved quality, High or low pressure, with plastic floats complete including carriage of materials within all leads and lifts.	2.00	Nos.			Each	
8	Providing and fixing 15 mm nominal bore G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc complete (New work) including carriage of materials within all leads and lifts.	2.00	Nos.			Each	

9	Providing and fixing brass stop cock of approved quality 15 mm nominal bore including carriage of materials within all leads and lifts	4.00	Nos			Each	
	<b>Conditions:-</b>					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 se 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 of quantity No.....for the year 2021-22 duly approved amounting to Rs.1,25,906/-only.**

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

### SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 99952.00

Earnest Money Rs. :- 2000.00

Time : One Month.

Name of work:- A/R & M/O residential building under Shimla Division No. III (SH: - Providing & fixing wood work, shuttering ply, 1st. floor of set No. 1 at Yates Place near Raj Bhawan Shimla).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	In words		
1	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 second class deodar wood.	0.617 Cum			Per cubic meter	
2	Providing and fixing 12mm thick water proof shuttering ply board of standard quality ISI mark and approved shade and colour in panelling and wall lining i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	52.10 Sqm			Per square meter	
CONDITION:-					Total:-	

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

Executive Engineer  
Shimla Division H.O. III.  
HPPWD.Shimla-171003



**SCHEDULE OF QUANTITY**

**Name of work:** - Addition and Alteration in Attic Floor Medical College Building at IGMCH Shimla  
(SH:- Providing and fixing Cup Board.)

Estimated Cost: -Rs 481926/- only

Earnest Money: -Rs 9700/- only

Time - One Month


S.No.	Sub head and items of work	Qty.		Rate		Unit	Amount
		3		In figure	In words	6	7
1	2						
1	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	0.16	Cum.			Per Cubic Metre	
2	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	35.36	Sqm.			Per Square Metre	
3	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	75.78	Sqm.			Per square metre	
4	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	23.16	Sqm.			Per square metre	
5	Providing and fixing 1 mm thick lamination sheet of approved shade and quality fixed with approved adhesive and nails complete including carriage of material within all leads and lifts	23.16	Sqm			Per Square Metre	
6	Providing and fixing bright finished brass handles with screws etc. complete: including mitring at junctions including carriage of materials in all leads and lifts. (i) 100mm	50.00	No.			Each	
7	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	50.00	No.			Each	
8	Providing and fixing 50mm size special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete including carriage of materials in all leads and lifts.	10.00	No.			Each	
9	Providing and laying granite stone in wall lining/ flooring etc. 20mm(average) thickness base of cement mortar 1:3 (1cement:3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing and polishing complete including carriage of materials within all leads and lifts:- 20mm thick	16.08	Sqm.			Per Square Metre	
10	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.	134.30	Sqm.			Per square metre	
11	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 including carriage of materials within all leads and lifts.	134.30	Sqm			Per square metre	

12	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 1:4 (1Cement:4 Sand) including carriage of materials within all leads and lifts.	320.40	Sqm.			Per square metre	
13	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 1:4 (1Cement:4 Sand) including carriage of materials within all leads and lifts.	242.03	Sqm.			Per square metre	
14	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.	562.43	Sqm.			Per square metre	
15	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.	320.40	Sqm			Per square metre	
16	Finishing walls with Acrylic Smooth exterior paint of required shade :(i) New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) including carriage of materials within all leads and lifts	242.03	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, 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. III,  
HP. PWD. Shimla-3.

# SCHEDULE OF QUANTITY

**Name of work:** - Special repair to residential building under Shimla Division No. III. (SH: - Balance work of Dismantling work, Providing and fixing pre-painted sheet roofing, Steel work in Set No. 4 & 5 etc. of Harvington Estate Shimla.)

Estimated Cost: -Rs. 419100/- only

Earnest Money : Rs. 8400/-Only

Time - One Month

S.N o.	Sub head and items of work	Qty.	Rate	Unit	Amount
		3	In figure In words	6	7
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within all lead of G.S. Sheet complete including carriage of materials in all leads and lifts.	136.80 Sqm		Per square metre	
2	Providing and fixing prepainted galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm (+ 0.05%) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55mm) 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 including carriage of materials within all leads and lifts.	136.80 Sqm		Per square metre	
3	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 complete including carriage of materials within all leads and lifts.	1551.94 Kgs		Per Kilogram me	
4	Providing and fixing prepainted galvanised steel sheet roofing 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).	34.60 Rmt.		Per running metre.	
5	Providing and fixing prepainted 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:- Flashings/ Aprons. ( Upto 600 mm).	45.90 Sqm		Per square metre	
6	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ facia/ 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.	12.64 Sqm		Per square metre	



	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	4000.00	Ltrs.			per litre	
8	Painting two coats (excluding priming cost on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt,dust and other foreign matters including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge. (a) Enamel paint other than white	12.64	Sqm			Per square metre	
9	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work complete including carriage of materials within all leads and lifts:- (i) 15mm dia nominal bore.	39.00	Rmt			Per running 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 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. III,  
HP. PWD. Shimla-3.

# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 150374.00  
 Earnest Money Rs. :- 3010.00  
 Time:- One Month.

Name of work: - A/R & M/O Ellerslie main Building and Armsdale building at H.P. Secretariat Shimla. (SH:- Minor repair work in Ellerslie main Building and Armsdale building etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing bright finished hydraulic door closer of superior class (confirming to bureau of Indian Standards) with screws etc. complete including carriage of materials in all leads and lifts.	20.00 No.			Each	
2	Providing and fixing 75mm brass door stopper with small hinges fitting complete including carriage of materials within all leads and lifts.	15.00 No.			Each	
3	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.	21.60 Sqm			Per square metre	
4	Providing and fixing 100mm size aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials within all leads and lifts.	15.00 No.			Each	
5	Providing and fixing 200mm x10mm size aluminium tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials within all leads and lifts.	20.00 No.			Each	
6	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters and papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of material and as per the direction of the Engineer-in-Charge.	57.46 Sqm			Per square metre	
7	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 and stoping, including carriage of materials in all leads and lifts:- (i) With white enamel paint.	57.46 Sqm			Per square metre	
8	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	5.00 No.			Each	
Conditions:-						
					TOTAL	

i. Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.

ii. Sample of all the materials to be used on work shall be get 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

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

# SCHEDULE OF QUANTITY

**Name of work:** -A/R & M/O to Raj Bhawan Building at Shimla-2(SH:- Painting Plastic emulsion in Tara Room , Kamna room Vanshovha rooms , OSD to Hon'ble Governor Room, Vayas and Monal Room and providing and Fixing 5000.00 Litres water Storage Tank with Gl. Pipe line 25mm Dia and 20mm Dia )

Estimated Cost: -Rs.177080/- only

Earnest Money : Rs.3600/-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	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.	528.32	Sqm		Per Square Metre
2	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.	528.32	Sqm		Per Square Metre
3	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.	528.32	Sqm		Per Square Metre
4	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with including carriage of materials within all leads and lifts (i) 4mm thick. Glass Panes	4.71	Sqm.		Per Square Metre
5	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 on wood complete including carriage of materials within all leads and lifts.	226.80	Sqm		Per Square Metre
6	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	73.71	Sqm.		Per Square Metre
7	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge.(a) External Work (i) 20mm Nominal Bore	109.80	Rmt.		Per Running Metre
7.1	(ii) 25 mm Nominal Bore	12.20	Rmt.		Per Running Metre
8	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge (i) 20 mm nominal bore	4.00	No.		Each
8.1	(ii) 25 mm Nominal Bore	2.00	No.		Each
9	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge (i) 20 mm nominal bore	10.00	No.		Each
9.1	(ii) 25mm Nominal Bore	2.00	No.		Each



10	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately. including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge.	5000.00	Liter			Per Litre	
	<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 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. III,  
HP. PWD. Shimla-3.

# SCHEDULE OF QUANTITY

**Name of work:** -A/R & M/O Various residential buildings under Shimla Division No. III (SH:- Renovation of type-III Qtrs., block No. 1, of Set No. 3 at Raj Bhawan Shimla).

Estimated Cost: -Rs.135540/- only

Earnest Money : Rs.2800/-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	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm including carriage of materials within all leads and lifts in second class deodar wood.	21.31	Sqm		Per square meter
2	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.	4.30	Sqm		Per square meter
3	Providing and laying Vitrified tiles in different 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 Size of Tile 500x500 mm including carriage of materials within all leads and lifts.	17.01	Sqm		Per square meter
4	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge With cement mortar 1:4 (1 cement : 4 fine sand) including carriage of materials within all leads and lifts.	7.00	Sqm		Per square meter
5	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in second class Kail wood.	0.053	Cum		Per cubic meter.
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.	4.970	Sqm		Per square meter
7	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.	2.30	Sqm		Per square meter
8	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge as per directions of Engineer- in-charge including carriage of materials in all leads and lifts.	6.09	Nos.		Each

9	Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shutters (bathroom and W.C. doors) using synthetic rubber based adhesive including carriage of materials within all leads and lifts.	2.85	Sqm			Per square meter	
10	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 in all leads and lifts.	12.00	Nos.			Each	
11	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 1.00 mm thick including carriage of materials within all leads and lifts.	4.97	Sqm			Per square meter	
12	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Double strip (horizontal type) including carriage of materials in all leads and lifts.	12.00	Nos.			Each	
13	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or mottled 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.	42.02	Sqm			Per Square Metre	
14	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore including carriage of materials within all leads and lifts.	30.50	Rmt			Per running meter	
15	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps including carriage of materials within all leads and lifts.	1.00	Nos.			Each	
16	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Flexible pipe 32mm dia including carriage of materials within all leads and lifts.	2.00	Nos.			Each	
17	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore including carriage of materials within all leads and lifts.	4.00	Nos.			Each	
18	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore including carriage of materials within all leads and lifts.	2.00	Nos.			Each	
19	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore including carriage of materials within all leads and lifts.	8.00	Nos.			Each	
20	Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including carriage of materials within all leads and lifts.	8.00	Nos.			Each	

21	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of materials within all leads and lifts.	1.00	No.			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	No.			Each	
23	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets 25 mm dia (heavy type) including carriage of materials within all leads and lifts.	6.10	Rmt			Per running meter	
24	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	1.44	Sqm			Per Square Metre	
25	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.	83.29	Sqm			Per square meter	
26	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.	83.29	Sqm			Per square meter	
27	Painting with synthetic enamel paint on wood of approved brand and manufacture of required colour to give an even shade one or more coats including carriage of materials within all leads and lifts.	66.05	Sqm			Per square meter	
28	Distemping with 1st quality acrylic distemper (ready made) having VOC content less than 50 gm per ltr. of approved manufacturer and of required shade and colour complete as per manufacturer's specification One or more coats on old work including carriage of materials within all leads and lifts.	208.23	Sqm			Per square meter	
29	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing Rectangular shape 453x357 mm including carriage of materials within all leads and lifts.	1.00	No.			Each	
30	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 including carriage of materials within all leads and lifts.	1.00	No.			Each	
31	Providing and fixing toilet paper holder C.P. brass including carriage of materials within all leads and lifts.	1.00	No.			Each	




32	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials within all leads and lifts.	1.00	No.			Each	
	<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,  
 HP. PWD. Shimla-3.



# SCHEDULE OF QUANTITY

									Estimated cost :- 149580.00	
									Earnest Money :- 3000.00	
									Time :-	One Month.
Name of work:- A/R and M/O to various residential buildings under division No.III Shimla. (SH:-Repair of cupboards, painting and distempering etc. in block I set No.9 at U.S Club Shimla.										
SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.				
			In Figures.	In Words						
	2	3	4	5	6					
1	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	17.24	Sqm		Per square metre					
2	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	24.51	Sqm		Per square metre					
3	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	48.15	Sqm		Per square metre					
4	Providing and fixing 1.0mm 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.	31.67	Sqm		Per square metre					
5	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.	41.66	R/mtr		Per running meter					
6	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 :125mm.	27.00	No		Each					
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	27.00	No		Each					
8	Providing and applying white wood 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.	138.05	Sqm		Per square metre					
9	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.	138.05	Sqm		Per square metre					

10	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	138.05	Sqm	Per square metre



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



# SCHEDULE OF QUANTITY

<b>Name of work:</b> -Special repair to residential buildings under Shimla Division No. III (SH:-						Estimated Cost: -Rs172678/- only
Providing & fixing shuttering ply, PVC flooring & sanitary fittings & teak ply in cupboards to type-						Earnest Money : Rs.3500/-Only
IV Qtrs. block "A" of set No. 3 & 4 at Barnes Court Shimla).						Time - One Month

S N o	Sub head and items of work	Qty.		Rate		Unit	Amount
		3		In figure	In words	6	7
1	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling and wall lining including mitring at junctions, butt jointing and nails complete (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	65.96	Sqm			Per square meter.	
2	Providing & Fixing 1.5 mm thick 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 including carriage of materials within all leads and lifts.	65.96	Sqm			Per square meter.	
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.	33.12	Sqm			Per square meter.	
4	Varnishing with varnish of approved brand and manufacture One or more coats with copal varnish including carriage of materials within all leads and lifts.	33.12	Sqm			Per square meter.	
5	Melamine polishing on wood work (one or more coat) including carriage of materials within all leads and lifts.	33.12	Sqm			Per square meter.	
6	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings as per the direction of Engineer- in-Charge including carriage of materials within all leads and lifts.	1.00	No			Per square meter	
7	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. including carriage of materials within all leads and lifts.	1.00	No.			Each	
8	Providing and fixing uplasticised PVC connection pipe with brass unions 30 cm length 15mm nominal bore including carriage of materials within all leads and lifts.	5.00	Nos.			Each	
	Providing and fixing 15 mm nominal bore brass long body nose bib cock of approved quality including carriage of materials within all leads and lifts.	7.00	Nos.			Each	



10	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts.	9.00	Nos.			Each	
11	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge including carriage of materials within all leads and lifts.	16.00	Nos.			Each	
12	Providing and fixing 15 mm nominal dia CP Brass wall mixer of quality & make as approved by Engineer in charge Engineer-in-charge including carriage of materials within all leads and lifts.	1.00	No.			Each	
13	Providing and fixing C.P. wall flange/ Cap 15mm ( fifteen millimeter) nominal bore with fittings including carriage of materials within all leads and lifts.	16.00	Nos.			Each	
14	Providing and fixing CP 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.	1.00	No			Each	
15	Providing and fixing C.P Brass Towel rail 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	No.			Each	
16	Providing and fixing C.P Brass Towel ring 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	No.			Each	
17	Providing and fixing 10.00 ltr.capacity PVC low level flushing cistern Hind ware sleek ultra of size 42 X 39 X 14 cm 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	
18	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete White solid plastic seat with lid including carriage of materials within all leads and lifts.	1.00	No.			Each	

19	Providing and fixing 600mm x 450 mm 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.	1.00	No			Each	
20	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of materials within all leads and lifts.	1.00	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.

**Draft schedule of quantity No.....for the year 2021-22 duly approved amounting to Rs.1,72,678/-only.**

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

# SCHEDULE OF QUANTITY

**Name of work:** - Improvement of Road From Navbahar to Holydodge Km. 0/00 to 2/670 (SH:- Repair of Drain at RD. 1/900 to 1/945 with Steel Grating)

Estimated Cost: -Rs.493243/- only  
Earnest Money : Rs.9900/-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 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 (Ifc equivalent design mix)including carriage of materials within all leads and lifts.	11.70	Cum	Per Cubic Metre	
2	Removal of land slide in hill area in ordinary rock not requiring blasting by mechanical. Means including cutting and trimming of slopes and disposal of cut material in all leads and lifts as per Technical specification 302.3.5 and 1611 as per direction of Engineer - in - Charge.	9.00	Cum	Per Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete: including carriage of materials within all leads and lifts.	27.00	Sqm	Per Square 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 including carriage of materials within all leads and lifts.:(i)1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	8.77	Cum	Per Cubic Metre	
5	Providing and fixing ISI marked oxidised M.S. pressed Parliamentary hinges with necessary screws etc. complete :including carriage of materials within all leads and lifts. (i) 125x125x27x2.80 mm	120.00	No.	Each	
6	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.	4328.00	Kg	Per Kilogramme	
7	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.	81.00	Sqm	Per Square Metre	

8	Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla 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 unuseful 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 dully compensated by him in all respect as per direction of Engineer-in-Charge .	20.70	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.

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




# SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 356993.00  
Earnest Money Rs. :- 7140.00  
Time :- One Month.

name of work:-Special repair to Flowery Culture, Directorate of Horticulture building at Navbahar Shimla-2 (SH: -Providing & fixing work stations etc)

S. 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.	132.09 Sqm			Per square meter	
2	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.	15.63 Sqm			Per square meter	
3	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sunmica) on boards/ ply wood sheets with approved adhesive and nails etc. complete including carriage of materials within all leads and lifts.	109.80 Sqm			Per square meter	
4	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts. 100mm.	44.00 Nos.			Each	
5	Providing and fixing 115 mm bright finished brass hasp and staple (safety type) with necessary screws etc. complete including carriage of materials in all leads and lifts.	40.00 No.			Each	
6	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 in all leads and lifts.	36.00 Nos.			Each	
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Double strip (horizontal type) including carriage of materials within all leads and lifts.	26.00 No.			Each	
8	Providing and fixing plain square edged cover fillets (beading) 19mm X 6mm section including mitring at junction with wooden screws /nails etc. complete in 2nd class deodar wood including carriage of materials within all leads and lifts.	286.10 Rmt			Per running meter	
9	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 and as per the direction of the Engineer-in-Charge.	199.53 Sqm			Per square meter	
10	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.	199.53 Sqm			Per square meter	
11	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 manufacturer including carriage of materials within all leads and lifts.	199.53 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 confirm to bureau of indian standards.

  
Executive Engineer  
Shimla Division NO.III  
HP.PWD.Shimla-174003

# SCHEDULE OF QUANTITY

Estimated Cost: -Rs.103809/- only  
Earnest Money : Rs.2100/-Only  
Time - One Month


**Name of work:** - A/R &M/O to Type-IV, set No.1 to 8 at Barnes Court Shimla-2 (SH:- Providing and Laying Stone soling and C.C. 1:4:8 in Courtyard)

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Banking excavated earth in layers all kind of Soil not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5	49.05	Cum		Per Cubic Metre	
2	Providing and laying stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering 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.	24.50	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 :(i) 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.	16.35	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 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. III,  
HP PWD. Shimla-3.



## SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Non residential buildings under Shimla Division No. III (SH:-Outer side painting & distempering from 3rd floor to 6th. floor Corridor in front of C  
 ns & painting on doors & windows 5th. to 6th. floor Corridor in the office of the Engineer-in-Chief at Nirman Bhawan, Nigam Vihar Shimla).  
 Estimated Cost Rs. :- 91938.00  
 Earnest Money Rs. :- 1840.00  
 Time :- One Month

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount
			In figures	In words		
	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	371.64 Sqm			Per square meter	
	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 and as per the direction of the Engineer-in-Charge.	371.64 Sqm			Per square meter	
	Finishing walls with Acrylic Smooth exterior paint of required shade Old work (One or more coat applied @ 0.90 ltr/10sqm) including carriage of materials and as per the direction of the Engineer-in-Charge.	205.30 Sqm			Per square meter	
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One or more coats on old work including carriage of materials and as per the direction of the Engineer-in-Charge.	723.79 Sqm			Per square meter	
	Painting with synthetic enamel paint on previously painted 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.	140.42 Sqm.			Per square meter	
	<b>CONDITION:-</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 confirm to bureau of indian standards.					
	<b>Total:-</b>					

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

# SCHEDULE OF QUANTITY

Name of work: -Installation of Oxygen Plant Near Old Parking at DDU Hospital Shimla(Construction of Roof / Truss)

402056/-

Estimated Cost: -Rs. 4205600/- only

Earnest Money : Rs.8100/-only

Time - One Month

S N o	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	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 beams joists, chanel, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	4640.00	Kg		Per Killogram me	
	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. III,  
HP PWD. Shimla-3.



# SCHEDULE OF QUANTITY

Estimated cost:- 153000.00  
 Earnest Money:- 3060.00  
 Time :- One Month.

**Name of work:- S/R to various residential buildings under division no III Shimla.(SH:- Providingn and Fixing sofa set and centre table in residential accomodation in Benmore-5)**

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
		3	4	5	6	
1	Providing and placing in position sofa set upholstered with fine quality tapasty cloth complete with 4" thick seats complete including carriage of material in all leads and lifts.(Sofa set three, seater of standard size.)	No	4.00		Each	
2	Providing and placing in position sofa set upholstered with fine quality tapasty cloth complete with 4" thick seats complete including carriage of material in all leads and lifts.(Sofa set single seater of standard size.)	Pair	8.00		Each/pair	
3	Providing and placing in position centre table 48"x24"x18" in teak wood and 12mm thick top glass complete including carriage of material in all leads and lifts	No	2.00		Each	

Executive Engineer  
 Shimla Division NO.III.  
 HP.PWD.Shimla-171003  
*[Signature]*

# **SCHEDULE OF QUANTITY**

**Name of work:** - Special Repair to RKMV College Long wood Shimla. (SH: - Balance work of renovation of toilet in science block with waterproofing treatment etc.)

Estimated Cost: -Rs.305840/- only  
Earnest Money : Rs.6100/-Only  
Time - One Month

S.N o.	Sub head and items of work	Qty.		Rate		Unit	Amount
				In figure	In words		
1	2	3				6	7
1	Demolition above G.L. upto all floor level including disposal of unserviceable materials within all leads and lifts including carriage of materials and including cutting the necessary reinforcement and separating out from R.B. works.	43.00	Cum.			Per cubic metre.	
2	Preparing the surface to receive water proofing treatment by removal of previous water proofing treatment and making surface ready to receive water proofing treatment. Cleaning the surface with wire brushes to clean, smooth & Dry surface, free of any loose particles/ reinforcement bars/ debris etc. Grooving and cleaning all the existing cracks and repairing them with polymer modifield mortar. washing if required ( to be decided by our site incharge) before applying water proofing coat of Acrylic polymer modified protective and decorative in water proof treatment with RCC work etc. as per site requirement and complete in all respect including all leads, lifts and carriage of material at site as directed by the Engineer in charge.	254.27	Sqm.			Per square metre.	
						Total	

## **Conditions:-**

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

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

# SCHEDULE OF QUANTITY

Name of work: - Special Repair to Himachal Hospital of Mental Health and Rehabilitation at Shimla. (SH: - Dismantling work, RCC work, Providing and fixing Cup board, Painting and distemper in hospital kitchen etc.)

Estimated Cost: -Rs.147690/- only

Earnest Money : Rs 3000/-Only

Time - One Month

No.	Sub head and items of work	Qty.	Rate		Unit	Amount
2		3	In figure	In words	6	7
	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.	0.629 Cum			Per cubic metre	
	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete including carriage of materials within all leads and lifts:-Of area 3 sq. metres and below.	3.00 No.			Each	
	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within all lead complete including carriage of materials within all leads and lifts.For thickness of tiles 10 mm to 25 mm	37.94 Sqm.			Per square metre.	
	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within all lead complete including carriage of materials within all leads and lifts.	68.30 Sqm			Per square metre	
	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: i)1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20mm nominal size) complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	0.766 Cum.			Per cubic metre.	
	Centering and shuttering including strutting, propping etc. and removal of form for Shelves (Cast in situ) complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	7.66 Sqm			Per square metre	
	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.	85.33 Kg.			Per Kilogram e	
	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 including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge:- Cement mortar 1:4 (1 cement :4 coarse sand.)	11.43 Sqm			Per square metre	
	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels	7.66 Sqm.			Per Square metre	
	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per direction of the Engineer in Charge. Granite work.	10.45 Rmt.			Per running	



11	Providing and fixing 15mm 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.	4.92	Sqm			Per square metre.	
12	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.	3.78	Sqm			Per square metre.	
13	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.	4.92	Sqm			Per square metre.	
14	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	24.00	No			Each	
15	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18mm X5mm 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	39.90	Rmt.			Per running metre	
16	Providing and fixing factory made P.V.C. door frame of size 50mm x 47mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 No. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	15.30	Rmt.			Per running metre	
17	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70mm width out of which 50 mm shall be flat and 20mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing - 30mm thick plain PVC door shutters.	5.67	Sqm			Per square metre.	
18	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 12mm thick bed of cement mortar 1:2 (1 cement: 2 coarse sand) and jointing with grey cement slurry @ 3.3kg	41.17	Sqm			Per square metre.	



18.1	15mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) complete including carriage of materials within all leads and lifts.	22.86	Sqm			Per square metre	
19	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.	22.86	Sqm			Per square metre	
20	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 including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge:- Kitchen sink with drain board of size 510mm x 1040mm bowl depth 200mm.	2.00	No.			Each	
21	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.00	No			Each	
22	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	2.00	No			Each	
23	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15mm dia nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	11.70	Rmt.			Per running metre	
24	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	4.00	No			Each	
25	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	4.00	No.			Each	
						Total	

**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 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,  
HP PWD, Shimla-3