

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

2176

Dated:- 29-4-22

*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 16th 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.PWD, Shimla-3 on behalf 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 07-05-2022 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 06-05-2022 and the application for issue of tender form shall be received up to 4.00 P.M. on 05-05-2022.

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	Special repair to various residential buildings under Division No.III Shimla. (SH:-Repair of V shape P.C.C. drain on various roads under Richmond Section).	Rs.4,36,569/-	Rs.8731/-	One Month	6&8	350/-
2	Special repair Himachal Hospital of Mental Health & Rehabilitation Centre at Boileauganj Shimla-5 (SH:- Providing and fixing steel work, roofing work, pine wood ceiling work in waiting Area of Hospital).	Rs.4,40,884/-	Rs.8820/-	One Month	6&8	350/-
3	Special repair to various residential buildings under division No.III Shimla (SH:- Repair work of ceiling, cupboards tiles work, sanitary repair, painting and distemping etc. in block No.30 set No.21 and 29 at U.S.Club Shimla).	Rs.2,08,454/-	Rs.4170/-	One Month	6&8	350/-
4	Special repair to Dental College residential building at Holly Oak Sanjauli Shimla (SH:- Providing CGI sheet gutter, fascia, soffit at Type-IV Quarter etc.).	Rs.2,95,534/-	Rs.5920/-	One Month	6&8	350/-
5	Special repair to various residential buildings under Shimla Division No.III (SH:- Repair of roofing, wood work, eaves boards, weather board, shutters in block-18, 36/2,3, D-1/29, 2/131 & 9/2 GF) at Nabha Estate Shimla).	Rs.3,08,599/-	Rs.6200/-	One Month	6&8	350/-
6	Special repair to Ellerslie/Yojna Bhawan building at HP Secretariat Chotta Shimla (SH:- Providing and fixing furniture items in Room No. Y-501 and visitor chairs in the office of private Secretary to CM in Ellerslie Building)	Rs.181,624/-	Rs.3640/-	One Month	6&8	350/-
7	Special repair to Set No.10 occupied by Sh. Rakesh Garg at New Annexe at Metropole Shimla. (SH:- Providing and fixing paneled glazed shutter, wire gauge shutter, cupboard, tiles work, painting, distemping and WS & SI work etc.).	Rs.4,04,326/-	Rs.8090/-	One Month	6&8	350/-
8	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing and fixing cupboards, painting & distemping in the residence of Sh. Rakesh Kumar Prajapati (IAS) at Marlin Park Cottage Ground floor type-V) at Nabha Estate Shimla).	Rs.4,09,355/-	Rs.8200/-	One Month	6&8	350/-
9	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing and fixing cupboards, ceiling, tiles, flooring & distemping in the sanitary fittings to block No.1/17R.H. & P-II/115 etc.) at Nabha Estate Shimla).	Rs.1,93,276/-	Rs.3900/-	One Month	6&8	350/-
10	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing and fixing cupboards, lining, polycarbonate sheet, painting & distemping in set No. 20/3MF) at Nabha Estate Shimla).	Rs.2,83,944/-	Rs.5700/-	One Month	6&8	350/-
11	A/R & M/O various residential buildings under division No.III Shimla (SH:- C/O retaining wall and steps etc. back side of block No.17 at U.S. Club Shimla).	Rs.2,93,011/-	Rs.5860/-	One Month	6&8	350/-
12	A/R & M/O various residential buildings under division No.III Shimla (SH:- Providing and laying tile work painting and distemping in Admin Building at Vidhan Sabha Shimla).	Rs.1,60,499/-	Rs.3210/-	One Month	6&8	350/-
13	A/R & M/O various residential buildings under division No.III Shimla (SH:- Supplying and fixing furniture items various residences under Benmore Section).	Rs.3,64,550/-	Rs.7290/-	One Month	6&8	350/-

14	Additional Alteration in set No.6 Block No.10 First floor at Barnes Court Shimla (SH:- C/O additional store room with kitchen of Set No.6 in Block No.10 First floor at Barnes Court Shimla-2).	Rs. 1,75,871/-	Rs.3520/-	One Month	6&8	350/-
15	S/R to Old MLA Qtrs at Boileauganj, set No.C-8 Type-II Shimla (SH:- Providing and fixing PGI sheet ceiling, shuttering ply and PVC flooring in Set No. C-8 Type-II at MLA Qtrs at Boileauganj).	Rs.2,50,603/-	Rs.5010/-	One Month	6&8	350/-
16	Special repair to Ellerslie Building at HP Secretariat Chotta Shimla (SH: - Minor repair work in CS office).	Rs.69,382/-	Rs.1390/-	One Month	6&8	350/-
17	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing and fixing, shutters, wood work, lining, roofing, eaves board, weather board, welded mesh painting & distemping in block B-II/16, O-II/109 and Royal Hotel) at Nabha Estate Shimla).	Rs.3,98,696/-	Rs.8000/-	One Month	6&8	350/-
18	Construction of Zonal Hospital buildings at Shimla (Balance work of steel bridge to connect old building with new building including steel structure parking, railing & main gate at entrance of Hospital building) (SH:- Preparation of plan, Architectural drawing, structural drawing including topographical survey & vetting of structural drawings).	Rs.1,60,000/-	Rs.3200/-	One Month	6&8	350/-
19	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Providing and fixing PVC flooring in Set No. 35B/1, 2, 4, 5, R-II/149, Q-II/139, & H-II/51 etc.) at Nabha Estate Shimla).	Rs.2,60,751/-	Rs.5250/-	One Month	6&8	350/-
20	A/R & M/O various residential buildings under division No.III Shimla (SH: - Supplying and fixing furniture items in B-3 residence under Benmore Section).	Rs.3,92,173/-	Rs.7840/-	One Month	6&8	350/-
21	Special repair to Dental Doctor Residence Building type-IV at Hollyoak Sanjauli Shimla (SH:- Providing and fixing welded mesh, polycarbonate sheet in balcones and steel snow guard at roof etc.).	Rs.4,99,237/-	Rs.9990/-	One Month	6&8	350/-
22	Special repair Sarvodya Balashram at Rockwood Shimla-1 (SH:- Providing and fixing steel work, CGI sheet work etc. in Balashram for fencing towards Portmore School) (Balance work)	Rs.1,14,419/-	Rs.2290/-	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:-

29-4-22

NO.SD-III-CB-Tender/2022-23-

2177 96

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 07January, 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 along with 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 16th 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.

SCHEDULE OF QUANTITY

Estimated cost:- 436569.00
 Earnest Money:- 8731.00

Time :- One Month.

Name of work:- Special repair to Various residential buildings Under Division No III Shimla. (SH:- Repair of V shape P.C.C drain on various roads under Richmond Section)

SI. NO.		Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	1	2	58.79		Sqm.	
	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead complete including carriage of materials within all leads and lifts. For thickness of tiles 10 mm to 25 mm					
2	2		27.36		Cum	
	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 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
3	3		74.21		Cum	
	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 20 mm nominal size) complete including carriage of materials within all leads and lifts.					
4	4		27.36		Cum	
	Disposal of building rubbish / maiba / 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.					
	Total:-					

CONDITION

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

Executive Engineer
 Shimla Division NO.III,
 HP.PWD.Shimla-177003

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SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 440884.00
Earnest Money Rs. :- 8820.00

Time:- One Month.

Name of work: -Special Repair Himnchal Hospital of Mental Health & Rehabilitation Centre at Boileaugang Shimla-5 (SH:- Providing and Fixing Steel work, Roofing work, Pine wood Ceiling work in Waiting Area of Hospital)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 9mm thick ply wood lining with butt jointing and nails (frame work and cover filelets to be measured and paid for separately) including carriage of materials in all leads and lifts.	36.96 Sqm			Per Square	
2	Providing and fixing 12 mm thick Pine Wood Tongued and Grooved lining/ceiling of approved quality with butt jointing and nails/frame work and cover filelets to be paid for separately), including complete including carriage of material in all leads and lifts	36.96 Sqm			Per Square	
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 beams, joists, channels, 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.	1410.36 Kg			Per Kilogram	
4	Providing and fixing precast galvanized 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.	60.84 Sqm			Per Square Metre	
5	Providing and fixing M.S. BP sheet 1.66 to 2.00 mm thick in eaves board/facials/sofits/ceiling including cutting, fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge including entire carriage of materials in all leads and lifts	28.08 Sqm			Per Square Metre	
6	Melamine polishing on wood work (Two or more coat) complete including carriage of materials within all leads and lifts.	36.96 Sqm			Per Square	
7	Painting with synthetic enamel paint on steel 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.	28.08 Sqm			Per Square Metre	
8	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.:- Sal wood	0.39 Cum			Per Cubic Metre	

SCHEDULE OF QUANTITY

3

Estimated cost - 208454.00
Earnest Money - 4170.00
Time :- One Month.

Name of work :- Special repair to various residential buildings under division no. III Shimla. (SH :- Repair work of ceiling, Cupboards Tile work , sanitary repair, painting and distemering etc in block No. 30 set No 21 and 29 at U.S Club Shimla)

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	29.86 Sqm.	3	29.86 Sqm.	Per Square metre	
2	14.82 Sqm.			Per Square metre	
3	45.60 Sqm.			Per Square metre	
4	14.82 Sqm.			Per Square metre	
5	60.00 Rmtr			per running metre	
6	30.00 No			Each	
7	22.00 No			Each	
8	3.80 Sqm.			Per Square metre	
9	1.26 Sqm.			Per Square metre	
10	3.00 No			Each	
11	0.197 Cum.			Per Cubic metre	
12	60.00 Rmt.			Per running metre.	
13	125.05 Sqm.			Per Square metre	
14	134.96 Sqm.			Per Square metre	

15	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over sqm of approved brand and manufacture. Including carriage of materials within all leads and lifts	134.96	Sqm.			Per Square metre
16	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. size 300mmx300mm.	7.38	Sqm.			Per Square metre
17	Providing and fixing 1st quality ceramic glazed floor tiles 8mm thk 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. size 300x300mm.	1.10	Sqm.			Per Square metre
18	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid 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. Including carriage of materials within all leads and lifts	1.00	No			Each
19	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 complete, including carriage of materials within all leads and lifts	1.00	No			Each
20	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.	125.01	Sqm.			Per Square metre
21	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.	125.05	Sqm.			Per Square metre
22	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (One or more coat applied @ 1.67 ltr/10 sqm), including carriage of materials within all leads and lifts.	134.96	Sqm.			Per Square metre
23	Painting wood work with Deluxe Multi Surface Paint to give an even shade. one or more coat applied @ 0.90 ltr/10 sqm over of approved brand and manufacture	22.90	Sqm.			Per Square metre
24	1.5 mm thick pvc/rubber tiles flooring (L.G. Make) plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of materials within all leads and lifts.					Total:-

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 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 conform to bureau of Indian standards

Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003
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SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 295534.00
Earnest Money Rs. :- 5920.00
Time:- One Month.

Name of work: -Special Repair to Dental College residential building at Holly oak Sanjauli Shimla. (SH: - Providing CGI Sheet gutter, fascia, Soffit at Type- IV Quarters etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and disposal of un-serviceable materials within all leads and lifts:- G.I. Sheet roofing.	22.95	Sqm.		Per cubic metre	
3	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ facial/ 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.	67.10	Sqm		Per cubic metre	
4	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:- (i) Plain Glass.4mm thick.	5.84	Sqm.		Per Square Metre	
5	Removal of landslides /slip clearance. Removal of slips in all depths in all kinds of soils, including saturated soil comprising of pick work, jumper work and blasting work both in soft and hard rock with chiselling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including dewatering wherever required, settling out to required lines, levels as shown on the drawing and directed by the Engineer in charge at site according to the HP. PWD specification of 1990 (one thousand nine hundred ninety) volume-1 (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at approved dumping site of M.C. Shimla or otherwise 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 with all kinds of labour, machineries, tools, equipment and safety measures and incidental necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent. Any loss to the public and private property during the course of execution and disposal of serviceable and un-serviceable material shall be the absolute responsibility of the contractor and shall have to be made good by him.	1.80	Cum		Per Square Metre	
6	Steel work welded in built up sections in trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint:- (i) In gratings framed guard bars, ladders, railing, brackets and similar works including carriage of materials in all leads and lifts.	1480.00	Qtl.		Per Square Metre	
7	Painting two coats (excluding priming coat) on new 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 materials within all leads and lifts in With enamel paint other than white.	67.10	Sqm		Per Running Metre	

8	Providing and fixing wall ceiling floor galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floors. including carriage of materials within all leads and lifts :-15mm nominal bore.	6.00	Rmt				Per Square Metre	
9	Providing and fixing 15mm nominal size G.I./M.I Union of following sizes (where not included in the items) including carriage of materials within all leads and lifts.	1.00	No.				Per Square Metre	
10	Providing and fixing 15mm dia C.P. brass pillar tap with capstan head including carriage of materials within all leads and lifts.	1.00	No.				Per Running Metre	
11	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including C.P. flange and carriage of materials within all leads and lifts.	7.00	No				Each	
12	Providing and fixing one hole basin mixing faucet 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.

Executive Engineer
Shimla Division.No.III
HR/PWD. Shimla-1



3

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

308599.00
6200.00
One Month

Name of work:- Special repair to Various residential buildings under Shimla Division No. III (SH :-Repair of roofing, wood work, eaves board, weather board, shutters in block-18, 36/2,3, D-1/29, 2/131 & 9/2 GF) at Nabha Estate Shimla.

Sl. NO.	Description	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 including carriage of materials within all leads and lifts. G.S. Sheet/prepainted sheet	221.59 Sqm			Per square meter.	
2	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	1.212 Cum			Per Cubic meter	
3	Refixing of C.G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlins rafters and trusses including carriage of materials within all leads and lifts 0.63 mm thick sheet (Rate should be quoted without the cost of CGI sheet as the same will be supplied by the Deptt. at site of work).	82.00 Sqm.			Per square metre.	
4	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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 0.63 mm thick with zinc coating not less than 275 gm/ m ² as per the direction of Engineer in Charge including carriage of materials within all leads and lifts.	44.16 Sqm			Per square meter	
5	Providing flushing 38cm overall in plain G.I. sheet fixed with galvanised iron J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) 0.63mm thick sheet including carriage of material within all leads and lifts.	2.40 Rmt			Per running meter	
6	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.63 mm thick with zinc coating not less than 275 gm/m ² including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	24.90 Rmt.			Per running metre.	
7	Providing eaves board 200mmx25mm thick including fixing in position in 2nd class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	24.10 Rmt.			Per Running metre	
8	Providing weather board 100mmx25mm thick including fixing in position 2nd class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	23.10 Rmt.			Per Running metre	
9	Providing and fixing hard wood square edged cover filets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	24.10 Rmt.			Per running metre.	
10	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 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	7.382 Sqm			Per square meter	

11	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 100 mm including carriage of materials within all leads and lifts	10.00 No.			Each
12	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 250x10 mm including carriage of materials within all leads and lifts.	12.00 No.			Each
13	Providing and fixing bright finished brass helical door spring (superior quality) including carriage of materials within all leads and lifts.	2.00 No.			Each
CONDITION:-					Total:-

- 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.1111
H.P.W.D. Shimla-174003

6

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 181624.00

Earnest Money Rs. :- 3640.00

Time:- One Month.

Name of work :- Special Repair to Elleerslie/Yojna Bhawan Building at HP Secretariat Chotta Shimla.(SH:- Providing and fixing furniture items in Room No. Y-501 and visitor chairs in the office of private Secretary to CM in Ellerslie building.)

SI. No.	Items of work	Quantity	Rate	Unit	Amount
1	Providing and fixing Rocking Chair Upholestred with approved shade and quality of tepestry complete including carriage of meteriasl in all leads and lifts.	2 00 No		Each	
2	Providing and placing recliner chair with manual mehenisum made in elegant design in combination with high density PU foam upholstred with best quality leatherite and having sturdy metal legs complete including carriage of meteriasl in all leads and lifts.	2 00 No		Each	
3	Providing and placing at site Glass Top Center Table of size 1100mm x 600mm x 430mm of work as per approved design and sample complete including carnage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge:- Godrej Glaze coffee Table	1 00 No		Each	
4	Providing and placing at site revolving office chair mid back upholstred with approved shade and quality of tepestry complete including carriage of meternals in all leads and lifts	1,00 No		Each	
5	Providing and placing at site Visitor chairs made of teak wood frame in natural teak finish seat and back cushioned with superior quality foam covered with superior quality leather complete including carriage of materials in all leads and lifts.	5 00 No		Each	
Conditions:-					
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 standards					
				Total	

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



SCHEDULE OF QUANTITY

Estimated Cost 404326.00
Earnest Money 8090.00
Time:- Eight months.

Name of work:- Special Repair to Set No. 10 occupied by Sh. Rakesh Garg at New Annexe at Metropole Shimla. (SH:- Providing fixing Paneled glazed shutter, Wire gauge shutter, Cupboard, Tiles work, Painting, Distempering and WS & SI work etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	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.	128.83 Sqm			Per square metre.	
2	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 (i/c equivalent design mix).	1.17 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)	0.92 Cum			Per cubic metre.	
4	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.	24.00 Kgs			Per kilogramme	
5	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.	3.03 Sqm			Per square 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 all level:- Cement mortar 1:4 (1 cement :4 coarse sand)	7.60 Sqm			Per square metre	
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):- Sal wood.	0.148 Cum			Per cubic metre.	
8	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:-Chi/Sal wood.	0.208 Cum			Per cubic metre	
9	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. -	5.46 Sqm			Per square metre	

9	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.	5.46 Sqm		Per square metre
10	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	2.90 Sqm		Per square metre.
11	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.	14.94 Sqm		Per square metre.
12	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.	7.71 Sqm		Per square metre.
13	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.	10.04 Sqm		Per square metre.
14	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover filets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	7.89 Sqm		Per Square metre
15	Providing and fixing hard wood square edges cover filets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	32.05 Rmt.		Per running metre.
16	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC10 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.	2.00 No.		Each
17	Providing and fixing aluminium 150mmx10 mm size tower bolts, ISI marked, anodised (anodic coating not less than grade AC10 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.		Each
18	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.	18.00 No.		Each.
19	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	20.00 No.		Each

20	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).	20.00 No		Each
21	Providing and fixing 12mm thick water proof shuttering plywood in flooring 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.	27.03 Sqm		Per square metre
22	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 .	14.73 Sqm		Per Square metre
23	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.	43.43 Sqm		Per Square metre
24	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 20mm 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 complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge:-Granite of any colour and shade:- Area of slab over 0.50sqm.	4.20 Sqm		Per square metre.
25	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.	133.33 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.	57.47 Sqm		Per square metre.
27	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.	45.48 Sqm		Per square metre
28	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old wood work including carriage of materials within all leads and lifts.	57.47 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 steel work including carriage of materials within all leads and lifts.	98.01 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.	86.24 Sqm			Per square metre
31	Disposal of excavated earth, 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 50m initial lead, for all leads including all lifts involved complete including carriage of materials within all leads and lifts.	5.14 Cum			Per cubic metre
32	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work 15mm dia nominal bore complete including carriage of materials in all leads and lifts.	25.74 Rmt.			Per Running Metre.
33	Providing and fixing vitreous China wash down water closet (European type W.C. pan) universal star white complete set with intergal P or S trap including jointing 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:- Hindware catalogue No. 20012.	1.00 No.			Each
34	Providing and fixing wash basin with C.I. brackets, 15mm 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 630mm x 450mm with a pair of 15 mm C.P. brass pillar taps:- Hindware catalogue No. 10001.	1.00 No.			Each
35	Providing and fixing Diamond make stainless steel sink 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 610mm x 460mm bowl depth 200mm.	1.00 No.			Each
36	Providing and fixing 32mm dia CP waste for sink or wash basin including waste fittings complete including carriage of materials within all leads and lifts.	2.00 No.			Each
37	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
38	Providing and fixing 32mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe.	1.00 No.			Each
39	Providing and fixing 100mm sand cast Iron grating for gully trap including carriage of materials within all leads and lifts.	3.00 No.			Each

40	Providing and fixing 600mm x 450mm bevelled 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 including carriage of materials within all leads and lifts.	1.00 No.		Each	
41	Providing and fixing Acrylic shelf of ESS ESS make catalogue No. AC-107 or equivalent complete fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials in all leads and lift as per direction of Engineer in Charge.	1.00 No		Each	
42	Providing and fixing liquid soap container 109mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms including carriage of materials within all leads and lifts.	1.00 No.		Each	
43	Providing and fixing 610mm size C.P. brass towel rail of ESS ESS make catalogue No. AC-101 or equivalent complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws complete including carriage of materials in all leads and lift as per direction of Engineer in Charge.	1.00 No.		Each	
44	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15mm nominal bore complete including carriage of materials within all leads and lifts.	6.00 No		Each	
45	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts. (New work) : 15mm nominal bore.	3.00 No.		Each	
46	Providing and fixing 15mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms complete including carriage of materials within all leads and lifts.	1.00 No		Each	
47	Providing and fixing C.P. brass angle stop cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. T-112.	7.00 No.		Each	
48	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	
49	Providing and fixing 15mm one hole mixer for wash basin including carriage of materials within all leads and lifts:- ESS-ESS Cat No. T-112A.	1.00 No		Each	
50	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 T-122(B)	1.00 No.		Each	

51	Providing and fixing 10.00 liter capacity PVC low level flushing cistern Hind ware sleek ultra of size 42cm X 39cm 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	
					Total
<i>i Rates should be quoted for all heights including all leads and lifts for internal and external works.</i>					
<i>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.</i>					

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

[Signature]

SCHEDULE OF QUANTITY

Estimated cost :-

499355.00

Earnest Money :-

8200.00

Time :-

One Month

Name of work :- Special repair to Various residential buildings under Shimla Division No. III (SH.-Providing & fixing Cupboards, painting & distempering in the residence of Sh. Rakesh Kumar Prajapati (IAS) at Marlin Park Cottage Ground floor type V) at Nabha Estate Shimla.

Sl. NO	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts	24.27 Sqm			Per square meter	
2	Providing and fixing 12 mm thick pine wood 1st class imported in ceiling with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of materials in all leads and lifts	7.64 Sqm			Per square meter	
3	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	104.36 Sqm.			Per square metre	
4	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	32.00 Sqm.			Per square metre	
5	Providing and fixing 4mm thick teak ply water proof for ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts	1.90 Sqm.			Per Square metre	
6	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	114.82 Rmt.			Per running metre	
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 No.			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 No.			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	2.00 set			Each Set	
10	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour One coat including carriage of materials and as per the direction of the Engineer-in-Charge	384.37 Sqm			Per square meter	
11	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 and as per the direction of the Engineer-in-Charge	60.93 Sqm			Per square meter	
12	French spirit polishing Two or more coats on new works including a coat of wood filler including carriage of materials and as per the direction of the Engineer-in-Charge	161.24 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	143.75 Sqm			Per square meter	

14	Finishing walls with Acrylic Smooth exterior paint of required shade old work (one or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including carriage of materials and as per the direction of the Engineer in Charge	221.98 Sqm		Per square meter
15	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.	384.37 Sqm		Per square meter
16	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.	232.11 Kg.		Per Kiligramme
17	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.	7.67 Cum		Per Cubic meter
18	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.	7.67 Cum		Per Cubic metre.
19	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within all leads including carriage of materials and as per the direction of the Engineer-in-Charge.	139.98 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) 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-171003

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

193276.00
3900.00
One Month

Name of work:- **Special repair to Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, ceiling, tiles, flooring & distempering in the sanitary fittings to block No. 1/17R.H. & P-II/115 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.	0.96 Cum			Per Cubic metre.	
2	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	29.49 Sqm.			Per square metre	
3	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 chil/rai wood.	0.028 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 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer- in- charge In Foundation and plinth	0.96 Cum			Per cubic metre.	
5	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts	5.07 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	6.69 Sqm.			Per square metre.	
7	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	11.82 Sqm.			Per square metre.	
8	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 in all leads and lifts	8.14 Sqm.			Per square metre.	
9	Providing and fixing ESS ESS curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete 20 mm dia including carriage of materials within all leads and lifts.	6.85 Rmt.			Per running metre.	
10	Providing and fixing stainless steel handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials within all leads and lifts.- 125mm size.	15.00 No.			Each	
11	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.	22.00 No.			Each	
12	1.5 mm thick pvc/rubber tiles flooring (L.G. Make or equivalent) plain, coloured, corbed or mosaic or mottled finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately)for payment including carriage of materials within all leads and lifts.	30.08 Sqm			Per square meter	

13	Providing and fixing 1st quality ceramic glazed wall tiles 450x300mm size 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 including carriage of materials within all leads and lifts.	25.36 Sqm		Per square meter
14	Providing and laying vitrified floor tiles 300x300mm size 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 including carriage of materials within all leads and lifts	3.49 Sqm		Per square meter
15	Providing and fixing PVC Finolex type "A" 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:-110mm X 75mm.	2.00 No.		Each
16	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P, or S trap, seat & 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 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests including carriage of materials within all leads and lifts.	1.00 No.		Each
17	Providing and fixing single hole wash basin with C.I. brackets, 15 mm C.P. brass pillar tap, 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 Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap including carriage of materials within all leads and lifts.	1.00 No.		Each
18	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 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	1.00 No.		Each
19	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00 No.		Each
20	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc External work 15 mm dia nominal bore including carriage of materials within all leads and lifts.	24.80 Rmt.		Per running metre.
21	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 15 mm nominal bore including carriage of materials within all leads and lifts.	2.00 No		Each
22	Providing and fixing 15mm nominal bore brass ball valve (horizontal plunger type) High pressure with polythene plastic floats with fixing etc. complete including carriage of materials within all leads and lifts.	1.00 No		Each
23	Providing and placing on terrace (at all floor levels) polyethylene three layer sintex make 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.	1000.00 Ltrs.		Per Litre
24	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore including carriage of materials in all leads and lifts.	3.00 No.		Each
25	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 in all leads and lifts.	2.00 No.		Each

26	Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	3.00 No		Each
27	Providing & fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.00 No.		Each
28	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.	40.56 Kgs.		Per Killogramme
29	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.	35.40 Sqm		Per square meter
30	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	35.40 Sqm		Per square meter
31	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 in all leads and lifts.	298.53 Sqm		Per square metre
32	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including carriage of materials in all leads and lifts.	269.02-Sqm		Per square meter
CONDITION:-				Total:-

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.11.
HP.PWD.Shimla-174003

10

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

283944.00
5700.00
One Month

Name of work:-Special repair to Various residential buildings under Shimla Division No. III (SH:- Providing & fixing Cupboards, lining, Polycarbonate sheet, painting & distempering in set No. 20/3 MF) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove filets to be measured and paid for separately) including carriage of materials within all leads and lifts.	61.84 Sqm.			Per Square metre	
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	14.72 Sqm.			Per square metre.	
3	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	43.51 Sqm.			Per square metre.	
4	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 in all leads and lifts.	20.78 Sqm.			Per square metre.	
5	Providing and fixing hard wood square edges cover filets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	67.56 Rmt.			Per running metre.	
6	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling/flooring/cup-board and wall lining including mitring at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	71.28 Sqm.			Per square meter	
7	Providing and fixing hard wood square edged cover filets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	151.43 Rmt.			Per running metre.	
8	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.	54.00 No.			Each	
9	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.	32.00 No.			Each	
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.	194.89 Sqm			Per square meter	
11	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	194.89 Sqm			Per square meter	
12	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 in all leads and lifts.	204.24 Sqm.			Per square meter	
13	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.-Two or more coats on new work including carriage of materials within all leads and lifts.	105.89 Sqm			Per square meter	

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 including carriage of materials and as per the direction of the Engineer-in-Charge.	105.89 Sqm		Per square meter
15	Providing and fixing 20 mm dia chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete including carriage of materials and as per the direction of the Engineer-in-Charge.	7.40 Rmt.		Per running metre.
16	Providing and fixing polycarbonatd tranparent sheet 2.00mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	2.88 Sqm		Per square meter
CONDITION:-				Total:-

- 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 Eigneer- 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 availables per Indian standard in the market should confirm to bureau of indian standards.

Executive Engineer
Shimla Division N.O.T.V.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

11

Estimated cost:- 293011.00
 Earnest Money:- 5860.00
 Time :- One Month.

Name of work:- A/R and M/O Various residential buildings under division No. III Shimla. (SH:- C/O retaining wall and steps etc. back side of block no-17 at U.S Club Shimla)

SI. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	3	4	5	6	
1	6.75 Cum			Per cubic metre	
2	5.25 Cum			Per cubic metre	
3	59.10 Cum.			Per cubic metre	
4	79.50 Sqm.			Per Square metre	
5	8.10 Cum			Per Cubic meter	
6	23.55 Rmt.			Per running metre.	
				Total:-	

CONDITION

- 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 NO.III.
 H/PWD.Shimla-171003
Jal

SCHEDULE OF QUANTITY

Estimated Cost 160499.00

Earnest Money 3210.00

Time:- one months.

Name of work:- A/R and M/O Various residential buildings under division No.III Shimla. (SH:- Providing and laying tile work Painting and distemping in Amin Building at Vidhan Sabha 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 1:4:8 or leaner mix (i/c equivalent design mix).	2.97	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 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	3.47	Cum.			Per cubic metre.	
3	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 Size of Tile 600mm X 600mm.	70.67	Sqm			Per square metre	
4	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.	274.92	Sqm			Per square metre	
5	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.	274.92	Sqm			Per square metre	
						Total	
	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,
HR PWD, Shimla-3.


SCHEDULE OF QUANTITY

13

ame of work: - A/R and M/O various residential buildings under division no III Shimla.(SH:- Supplying and fixing furniture items various residences under Benmore section)
 Estimated cost:- 36450.00
 Earnest Money:- 7290.00
 One Month.

Time :-

R. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount
			In Figures.	In Words.		
1	Providing and supplying at site office table 5'X3'X2.5' made in action tesa MDF action tesa 19 mm commercial board of ISI marked with six drawer, with channel and side and top sumrica complete as approved by Engineer-in-charge complete including carriage of materials within all leads and lifts.	1.00	No		Each	
2	Providing and placing at site Double Bed Box made of 19mm board duly finished MDF action tesa with sumrica 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.	1.00	No.		Each	
3	Providing and placing at site Double Bed Box made of 17 mm board duly finished MDF action tesa with sumrica complete of size 6' X 6' X 15" top and bottom made of 12mm thk board and all side of teak wood 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	
4	Providing and placing at site Double Bed Box made of 17 mm board duly finished MDF action tesa with sumrica complete of size 6' X 6' X 15" top and bottom made of 12mm thk board and all side of teak wood 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	
5	Providing and placing at position visitor Chairs with seat and back PU cushioned complete with soft arm frame made in 16 gauge tubular round pipe in cantilever style complete. including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	10.00	No.		Each	
6	Providing and placing at position Revolving office Chair with low seat back cussion 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	
7	Providing and placing in position at site dining table 7'X3' with 8 chair and table frame made in teak wood with cushioned seat and back all finished with melamine polish complete per sample approved including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.00	No.		Each	
3	Providing and placing at position Sofa Set seven seater made of teak wood with seat and back covered with good quality clothes seat cushion in PU form complete including carriage of materials in all leads and lifts as per direction of Engineer in Charge.	1.00	No.		Each	
Total						

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 175871.00

Earnest Money Rs. :- 3520.00

Time:- One Month.

Name of work: - Additional Alteration in In set No.6 Block No. 10 First floor at Barnes Court Shimla(SH:- C/O Additional Store Room with Kitchen of Set No.6 in Block No.10 First Floor at Barnes Court Shimla-2)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Centering and shuttering including strutting, propping etc. and removal of form for (i) Suspended floors, roofs, landings, balconies and access platform	5.06	Sqm			Per Square Metre	
2	Lintels, beams, plinth beams, girders, bressumers and cantilevers	2.26	Sqm			Per Square Metre	
3	Edges of slabs and breaks in floors and walls (i) Under 20 cm wide	5.15	Rmt.			Per Running 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).	0.90	Cum			Per Cubic Metre	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.(i) Mild steel and Medium Tensile steel bars	187.00	Kg.			Per Kilogramme	
6	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.(i) In cement mortar	0.41	Cum			Per Cubic Metre	
7	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 1:4 (1 cement : 4 coarse sand)	2.64	Cum			Per Cubic Metre	
8	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 carriage of materials within all leads and lifts.	6.30	Sqm.			Per Square Metre	
9	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). (i) Second Class Deodar wood	0.132	Cum			Per Cubic Metre	

10	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) (i) Second Class Deodar wood (a) 35mm Thick Shutters	3.60	Sqm.			Per Square Metre	
11	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 with ISI marked M.S. pressed butt hinges bright finished of required size (i) Second class Deodar wood (a) 35 mm thick shutters	1.20	Sqm.			Per Square Metre	
12	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	12.00	No			Each	
13	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete)	3.60	Sqm.			Per Square Metre	
14	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete)	8.28	Sqm.			Per Square Metre	
15	Providing and fixing 6mm thick ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately).	3.78	Sqm.			Per Square Metre	
16	Providing and fixing 1.00 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.	5.04	Sqm.			Per Square Metre	
17	Providing and fixing hard wood plain square edged cover fillets (beading) 19mmx6mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	31.30	Rmt.			Per Running Metre	
18	Providing and fixing 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 (i) 250x16mm	1.00	No			Each	
19	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	12.00	No			Each	
20	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) 125mm	19.00	No			Each	
21	Providing and fixing bright finished MS. hard drawn hooks and eyes (i) 150mm	8.00	No			Each	
22	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. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	262.69	Kg.			Per Kilogramme	

23	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete (i) 40 mm thick with 20 mm nominal size stone aggregate	5.06	Sqm.			Per Square Metre
24	Providing and Fixing 1.5mm Thick PVC Antistatic Venyle Flooring (LG Make) plain Coloured, corbed or Moasic/ Metalled finish laid with approved Adhesive on sub-Floor (Damp proof treatment to be paid for seprately) including carriage of materials within all leads and lifts (i) 1.5mm Thick	5.06	Sqm.			Per Square Metre
25	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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. (i) 0.63 mm thick with zinc coating not less than 275 gm/ m ²	7.42	Sqm.			Per Square Metre
26	Providing and fixing M.S black sheet 2mm thick fascia /soffits/ eaves board /ceiling fixed with angle iron frame including cutting, welding to steel roof members and applying a coat of red lead primer etc.(base members of steel work shall be measured and paid for separately)	1.33	Sqm.			Per Square Metre
27	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:6 (1 cement: 6 fine sand)	32.82	Sqm.			Per Square Metre
28	6 mm cement plaster to ceiling of mix :1:3 (1 cement : 3 fine sand)	5.06	Sqm.			Per Square Metre
29	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.	57.44	Sqm.			Per Square Metre
30	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	29.65	Sqm.			Per Square Metre
31	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	29.65	Sqm.			Per Square Metre
32	Finishing walls with Acrylic Smooth exterior paint of required shade :(i) New work (Two or more coat) including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	16.41	Sqm.			Per Square Metre
33	Distempering with 1st quality acrylic distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.(i) Two or more coats on new work	21.47	Sqm.			Per Square Metre
34	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	1.33	Sqm.			Per Square Metre

35	Disposal of moorum/ building rubbish/ malba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. Foe lalleafts, complete as per dierection of Engineer- in Charge. Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrying motor vehicle of 3.5 cum. or More.	0.29	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.

iv Recovery of useful bricks 57.00. recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

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

15

SCHEDULE OF QUANTITY

Estimated Cost R 250603.00

Earnest Money R 5010.00

Time:- Eight months.

Name of work:- S/R to Old MLA Qtrs at Boileauanj , Set No.C- 8Type II Shimla. (SH:- Providing and Fixing PGI sheet Ceiling, shuttering ply and PVC flooring in Set No. C-8 Type II at MLA Qtrs at Boileauanj).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 0.63 mm 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.	62.33 Sqm			Per square metre	
2	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.:- Rae wood/chill wood	0.58 Cum			Per cubic metre	
3	Providing and fixing hard wood plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	166.76 Rmtr			Per running metre	
4	Providing and fixing wooden moulded 50x50 mm 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.	65.88 Rmtr			Per running metre	
5	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works. including carriage of materials within all leads and lifts.	62.33 Sqm			Per square metre	
6	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	62.33 Sqm			Per square metre	
7	Providing and fixing 12mm thick water proof shuttering plywood in flooring 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.	43.99 Sqm			Per square metre	
8	1.5 mm thick pvc/rubber tiles flooring (L.G. Make) plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately)for payment including carriage of materials within all leads and lifts.	43.99 Sqm			Per square metre	
9	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 carriage of materials within all leads and lifts.35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood.	10.08 Sqm.			Per Square metre	
10	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).2nd class Deodar wood	0.04 Cum			Per cubic metre	
11	Providing and fixing Bright / matt finished stainless steel handles of approved quality with necessary screws etc. complete . Including carriage of all leads and lifts :125mm.	12.00 No			Each	
12	100mm	20.00 No			Each	
					Total	

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.

Am

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 69382.00
 Earnest Money Rs. :- 1390.00
 Time:- One Month.

Name of work: - Special Repair to Elleerslie Building at HP Secretariat Chotta Shimla.(SH:- Minor repair work in CS office.)

Sl. No.	Items of work	Quantity	Rate	Unit	Amount
1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within all lead, including replacement of hinges with screws etc as required area 3 sq. metres and below including carriage of materials within all leads and lifts.	3.00 No.		Each	
2	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. 35 mm thick shutters	3.99 4500		Per Square metre	
3	Painting one or more coats on old work on wood and wood based surfaces 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.	15.00 Sqm		Per square metre	
4	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including carriage of materials within all leads and lifts.	2.00 No.		Each	
5	Providing and placing at site Godrej Make table of 44.95x53.08x45.72cm size complete as per sample approved including carriage of materials within all leads and lifts.	2.00 No.		Each	
6	Finishing walls with Acrylic Smooth exterior paint of required shade Old work on wall and roof surface and (Two or more coat applied @ 1.67ltr/ 10 sqm) on existing cement paint surface complete including carriage of materials within all leads and lifts.	15.96 Sqm		Per square metre.	
7	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.	2.35 Sqm		Per square metre.	
8	Providing and fixing 4mm thick teak ply lining fixed with nails etc. complete including carriage of materials within all leads and lifts as per direction of the Engineer-in-Charge.	7.40 Sqm		Per square metre	
9	Polishing two or more coats with PU polish of required shade on New wood and wood based surfaces 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 materials in all leads and lifts.	39.49 Sqm.		Per square metre.	
				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 standards.


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

17

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

398696.00
8000.00
One Month

Name of work:-Special repair to Various residential buildings under Shimla Division No. III (SH:-Providing & fixing, shutters, wood work, lining, roofing, eaves board, weather board, welded mesh painting & distemping in block B-II/16, O-II/109 and Royal Hotel) at Nabha Estate Shimla.

SI. NO.	Description	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 including carriage of materials within all leads and lifts. G.S. Sheet/prepainted sheet.	178.80 Sqm			Per square meter	
2	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.229 Cum			Per Cubic meter	
3	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 chilrai wood.	0.188 Cum			Per cubic metre	
4	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 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	2.70 Sqm			Per square meter	
5	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts	27.46 Sqm			Per square meter	
6	Providing eaves board 200mmx25mm thick including fixing in position in 2nd class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge	82.50 Rmt.			Per Running metre	
7	Providing weather board 100mmx25mm thick including fixing in position 2nd class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge	82.50 Rmt.			Per Running metre	
8	Providing and fixing hard wood square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts	153.50 Rmt.			Per running metre.	
9	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to 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 0.63 mm thick with zinc coating not less than 275 gm/ m ² as per the direction of Engineer in Charges including carriage of materials within all leads and lifts.	4.32 Sqm			Per square meter	
10	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.63 mm thick with zinc coating not less than 275 gm/m ² including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	71.30 Rmt.			Per running metre.	
11	Providing and fixing PGI Sheet 0.63mm thick in ceiling/lining 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.	3.42 Sqm			Per square meter	
12	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	6.07 Sqm.			Per square metre.	
13	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	12.01 Sqm.			Per square metre.	
14	Providing and fixing 100mm 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.	12.21 Sqm.			Per square metre.	
15	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.	10.84 Rmt.			Per running metre.	
16	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 :- 150x10 mm including carriage of materials within all leads and lifts	8.00 No.			Each	

17	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.	24.00 No.		Each
18	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.	8.00 No.		Each
19	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.	86.48 Sqm		Per square meter
20	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 and as per the direction of the Engineer-in-Charge.	86.48 Sqm		Per square meter
21	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.	166.24 Kg		Per Killogramme
22	Providing and fixing M.S welded mesh 25mm X 25mm X 2mm 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.	14.40 Sqm		Per square meter
23	15 mm cement plaster,og 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.	58.61 Sqm		Per square meter
24	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	58.61 Sqm		Per square meter
25	Providing scaffolding for all kind of works in multistorey buildings up to all height with Bamboo complete tied with rope on joints and pedistal of CGI Sheet etc. in all respect (Face area of scaffolding up to top pedestal height shall be measured and paid for) including carriage of materials within all leads and lifts as per	55.10 Sqm		Per square meter
CONDITION:-				Total:-

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.M.
HP.PWD.Shimla-171002

18

SCHEDULE OF QUANTITY

Estimated cost:- 160000.00
 Earnest Money:- 3200.00
 Time :- One Month

Name of work:-Construction of Zonal Hospital building at Shimla (Balance work of steel bridge to connect old building with new building including steel structure parking, railing & main gate at entrance of Hospital building) (SH:-Preparation of plan, Architectural drawing, structural drawing including topographical survey & vetting of structural drawings)

Sl. NO.	Description	Qty.		Rate		Unit.	Amount.
				In Figures.	In Words		
1	Topography survey by Digital total station with two second accuracy showing all features on survey plan like trees, buildings electric pole, telephone poles.	1.00	Job			Per Job	
2	Planning for construction of foot over bridge connection old building to new building and steel parking	1.00	Job			Per Job	
3	Preparation of Architectural drawings and structural drawings of foot bridge and parking.	1.00	Job			Per Job	
4	Vetting of structural drawings of foot bridge.	1.00	Job			Per Job	
CONDITION:-						Per Job	
						Total:-	

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


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

19

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

260751.00
5250.00
One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing PVC flooring in Set No. 35B/1, 2,4,5, R-II/149, Q-II/139, & H-II/51 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	1.5 mm thick pvc/rubber tiles flooring (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 including carriage of materials within all leads and lifts.	289.72 Sqm			Per square meter	0.00
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 conform to bureau of indian standards


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

SCHEDULE OF QUANTITY

Estimated cost:- 392173.00
 Earnest Money:- 7840.00
 Time :- One Month.

Name of work :- A/R and M/O various residential buildings under division no III Shimla.(SH:- Supplying and fixing furniture items in B-3 residence under Benmore section)

SR. NO.	Sub-Head/Item of work.	Qty.		Rate		Unit.	Amount.
				In Figures.	In Words		
	2	3		4	5	6	
1	Supplying and fixing at site 4'x 2' size centre table of teak wood with glass top 12mm thk. Complete. including finished with malamine polish complete including carriage of materials within all leads and lifts.	3.00	No.			Each	
2	Providing and placing in position Mattresses of size 72"x70"x 5" thick ISI coirfoam heritage make in bonded form complete complete including carriage of material in all leads and lifts.	3.00	No.			Each	
3	Supplying and fixing at site teak wood 2'x4' centre table with glass top 12mm thk. Complete. including finished with malamine polish complete including carriage of materials within all leads and lifts.	1.00	No.			Each--	
4	Providing and placing at site easy chairs made of teak wood with cushioned seat and back covered with good quality cloth finished with melamine polish complete. in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	15.00	No.			Each	
5	Providing and placing at site side/ peg table made with teak wood with glass top complete. in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	6.00	No.			Each	
6	Providing and placing at site bed side table made with 18mm thk MDF board with decorative finished with 2 drawers with telephonic channel complete. in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	6.00	No.			Each	
7	Providing and placing in position at site computer table 4'x2' MDF 19 mm thk commercial board with lamination sheet (sunmica) one shelf with drawer channel complete as per sample approved including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	2.00	No.			Each	
8	Providing and placing in position at site computer revolving chair heavy back with double cushion and 5 wheels with hydraulic system and fitted mechanical machine for back push complete as per sample approved including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	2.00	No.			Each	
						Total	
CONDITION							

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


Executive Engineer
Shimla Division NO.III.
HP.PWD.Shimla-171003
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SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499237.00

Earnest Money Rs. :- 9990.00

Time:- One Month.

Name of work: - Special Repair to Dental Doctor Residence Building Type-IV at Hollyoak Sanjauli Shimla (SH:- Providing and Fixing Welded mesh, Polycarbonated sheet in Balcones and Steel snow Guard at roof etc)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	In words		
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. including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge (i) In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	2400.85 Kg			Per Kilogramme	
2	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 up to all leads and lifts.	63.71 Sqm.			Per Square Metre	
3	Providing and Fixing Oxidised M.S. Tower Bolt Black finish with necessary screws including carriage of materials with in all leads and lifts. 100x10mm	24.00 No.			Each	
4	Providing and Fixing Oxidised M.S. Handles Black finish with necessary screws including carriage of materials with in all leads and lifts. 75mm	24.00 No.			Each	
5	Providing and fixing polycarbonatd tranparent sheet 1.20mm to 2mm 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.	112.85 Sqm.			Per Square Metre	
6	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand manufacture including carriage of materials within all leads and lifts.	63.71 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.III
HP PWD, Shimla-1

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 114419.00

Earnest Money Rs. :- 2290.00

Time:- One Month.

Name of work: - Special Repair Sarvodya Balashram at Rockwood Shimla-1(SH:- Providing and Fixing steel work, CGI. Sheet work etc. in Balashram for fencing towards Portmore School) (Balance Work)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.	
				In figures	In words			
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 gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	679.24	Kg			Per kilogramme		
2	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 /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.	12.24	Sqm			Per Square Metre		
3	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 up to all leads and lifts.	38.88	Sqm			Per Square Metre		
4	Painting with synthetic enamel paint on steel 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.	38.88	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.III
HP. PWD. Shimla-
