

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

13804

Dated:- 24-9-21

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

Subject:- Tender Notice

Enclosed kindly find herewith the tender notice for the various works as given in the notice inviting tender for uploading on department website as per notification of Principal Secretary (PW) to the Govt. of HP vide letter No.PBW(B)A(3)1/2020 dated 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 06-10-2021 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 05-10-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 04-10-2021.

The earnest money in the shape of National saving Certificate/Time deposit account/saving account in any of the post office in HP, duly pledged in favour of Executive Engineer, Shimla Division No-III must accompany with the application form for the tender offer. Conditional tender and the tender received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any reason there to. Other conditions are applicable as perform No. 6&8. The offer shall remain open for 90 days.

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	Special Repair to Principal office Parking at IGMC Shimla (SH:-Providing C.C. work, Steel work, Rolling shutter, Inter locking tiles, Plaster. Painting and distempering etc.).	Rs.3,46,597/-	Rs.7000/-	One Month	6&8	350/-
2	A/R & M/O residential buildings under Shimla Division No.III (SH:- Outer side painting & distempering in type-II Qtrs., block No.1 of set No. 1 to 4 GF, type-III Qtrs. Block No.1 of set No.1 to 4 GF, FF& type-III, block No.2 of set No.5 to 8 GF&FF at Raj Bhawan Shimla).	Rs.2,04,577/-	Rs.4100/-	One Month	6&8	350/-
3	Special repair to MBBS/ BDS Girls hostel at Blessington Estate Lakker Bazar Shimla. (SH:- Providing and fixing Pre-painted sheet roofing, Ridges, hips and steel work etc. for covered path from Cart road to hostel ground at RD,s 0/027 to 0/050).	Rs.4,72,927/-	Rs.9460/-	One Month	6&8	350/-
4	S/R to various residential building under division No.III Shimla. (SH:- Providing and fixing Library book cabinet in drawing room at ground floor at Benmore Shimla).	Rs.1,60,432/-	Rs.3210/-	One Month	6&8	350/-
5	Special repair to Council Chamber Building at H.P. Vidhan Sabha Shimla. (SH: - replacement of Police Gumpiti, roof near gate No. 6 & 1 at Vidhan Sabha Shimla).	Rs.3,46,060/-	Rs.6950/-	One Month	6&8	350/-
6	Special repair to DDUZ hospital building at Shimla. (SH:- Providing & Fixing steel fencing over existing railing on stair case portion & wooden partition including painting in corridor of Covid ward patients etc. at DDU hospital Shimla).	Rs.3,80,421/-	Rs.7650/-	One Month	6&8	350/-
7	A/R & M/O to various residential buildings under division No.III Shimla. (SH:- Painting and distempering, repair of wooden partition wall & Providing and fixing M.S. Steel grating over drain in Richmond Villa type-IV set No.1 and type-VI set No.3 at Richmond Shimla).	Rs.1,04,621/-	Rs.2090/-	One Month	6&8	350/-
8	A/R & M/O to various residential buildings under division No.III Shimla. (SH:-Repair/renovation of Porch & P/F M.S. gate etc. etc. in Type-V, set No. D-1 at Bemloe Shimla).	Rs.1,62,363/-	Rs.3250/-	One Month	6&8	350/-
9	Furnishing of Armsdale building at H.P. Secretariat Shimla.(SH:-Up-holstering/ re-stuffing of sofa set in Room No.A-322 & A-623 etc.)	Rs.1,45,400/-	Rs.2910/-	One Month	6&8	350/-
10	Special repair to Sister Nivedita Nursing College Block "B" at IGMC at Shimla. (SH: - Providing and fixing welded mesh with steel work in front side window work).	Rs.2,25,560/-	Rs.4500/-	One Month	6&8	350/-
11	Special repair to RKMV College Long wood Shimla. (SH: - Balance work of renovation of toilet in science block with waterproofing treatment etc.).	Rs.4,30,197/-	Rs.8610/-	One Month	6&8	350/-
12	A/R & M/O various residential buildings under Shimla Division No.III. (SH:- Covering of balcony with welded mesh block K-III/113) at Nabha Estate Shimla).	Rs.1,14,736/-	Rs.2300/-	One Month	6&8	350/-
13	A/R & M/O residential building under Shimla Division No.III (SH: - Providing and fixing PVC flooring in Marlin Park GF, D-III/28, 37/1 GF and 37/3 etc.) at Nabha Estate Shimla.	Rs.1,12,082/-	Rs.2250/-	One Month	6&8	350/-
14	A/R & M/O to various residential buildings under Division No.III Shimla. (SH: - Providing and laying chequered tile in courtyard etc. in Block C-12 at Bemloe Shimla).	Rs.1,17,768/-	Rs.2355/-	One Month	6&8	350/-
15	A/R & M/O to various residential buildings under division No.III Shimla. (SH: - Providing and fixing cupboard and providing and laying tiles in type-V set No.15 and type-VI set No.6 at Richmond Shimla).	Rs.1,27,182/-	Rs.2540/-	One Month	6&8	350/-
16	A/R & M/O various residential buildings under Shimla Division No.III (SH: - Providing and fixing tiles, shutters, polycarbonate sheet and painting etc. to block "B" type-III of set No.11 at Barnes Court Shimla).	Rs.1,56,978/-	Rs.3200/-	One Month	6&8	350/-
17	Special repair to New Annexe at Metropole Shimla.(SH:- Construction of Manhole alongwith providing and laying PVC pipe for sewerage line etc. in basement).	Rs.1,23,527/-	Rs.2500/-	One Month	6&8	350/-
18	Special repair to Set No.7 occupied by Sh. Suresh Kumar (Supdt.) New Annexe at Metropole Shimla.(SH:-Providing and fixing paneled glazed shutter, wire gauge shutter, cupboard, tiles work, painting and distempering and WS & SI work etc.).	Rs.2,47,454/-	Rs.4950/-	One Month	6&8	350/-

	construction of PCC retaining wall at RD's 0/405 to 0/413).			Month		
20	Special repair to New MLA Hostel Building at Vidhan Sabha Shimla. (SH:- Providing and fixing tiles work, granite work, cupboard, painting and distempering in set No. 310 of Block-E).	Rs.1,94,185/-	Rs.3900/-	One Month	6&8	350/-
21	Improvement of road from Cart road to Annadale KM's 0/00 to 4/160.(SH:- Construction of PCC retaining wall at RD's 1/255 to 1/257).	Rs.3,53,305/-	Rs.7100/-	One Month	6&8	350/-
22	Special repair to Armsdale building at H.P. Secretariat Chotta Shimla.(SH:- Providing and fixing anti skid water proof tape in stair cases of Armsdale building Phase-I & II etc.).	Rs.4,82,816/-	Rs.9660/-	One Month	6&8	350/-
23	A/R & M/O to residential building under Division No.III Shimla. (SH:- Repair of doors, windows, Marble work and painting and distempering etc. in Block No.33 set No.9,10 at U.S.Club Shimla).	Rs.1,46,345/-	Rs.2930/-	One Month	6&8	350/-
24	Improvement of road from Cart road to Annadale KM's 0/00 to 4/160. (SH:- Construction of PCC retaining wall at RD's 1/249 to 1/251).	Rs.3,53,305/-	Rs.7100/-	One Month	6&8	350/-
25	Special repair to New MLA Hostel Building at Vidhan Sabha Shimla (SH:- Providing and fixing cup board in kitchen, granite work, Tiles work, painting and distempering in set No. 405 & 406 in Block-D etc).	Rs.3,58,302/-	Rs.7200/-	One Month	6&8	350/-
26	Special repair to New Library building near Vidhan Sabha Shimla. (SH:- Repair/ construction of Shed for generator of HPSEB etc.).	Rs.4,62,617/-	Rs.9300/-	One Month	6&8	350/-
27	Special repair to various residential building under Shimla Division No.III. (SH:-Providing and fixing interlocking pavers, Polycarbonate transparent Sheet and welded mesh etc. in old Judges Residence Banglow No.6 at Harvington Estate Shimla).	Rs.3,46,244/-	Rs.7200/-	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:- 24-9-21

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

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

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

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

SCHEDULE OF QUANTITY

Name of work: - Special Repair to Principal office Parking at IGMC Shimla. (SH: -Providing C.C. work, Steel work, Rolling shutter, Inter locking tiles, Plaster, Painting and Distempering etc.)

Estimated Cost - Rs 346597/- only

Earnest Money Rs 7000/-Only

Time - One Month

Sl. No.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within carriage of material in all leads and lifts:- All kinds of soil.	6.37	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 within carriage of material in all leads and lifts.	4.24	Cum		Per cubic metre	
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand) complete within carriage of material in all leads and lifts.	4.28	Cum		Per cubic metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	121.41	Kgs		Per Kilogram	
5	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.50 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS. 4454 - part 1 and M.S. top cover of required thickness for rolling shutters complete including carriage of materials within all leads and lifts.	56.43	Sqm		Per square metre	
6	Rolling shutters operated by bevel gear box and crank handle exceeding 12.00sqm and upto 25.00sqm in area (average say 18.50 sqm) complete including carriage of materials within all leads and lifts.	4.00	No.		Each	
7	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M- 30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge including carriage of materials within all leads and lifts.	42.47	Sqm		Per square metre	

8	15mm Cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:6 (1Cement:6 Sand) including carriage of materials within all leads and lifts.	33.00	Sqm			Per square metre	
9	15mm cement plaster in single coat on fair side of brick/ concrete/ stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and smooth including carriage of materials within all leads and lifts -Cement mortar 1:6 (1 cement : 6 sand)	31.68	Sqm			Per square metre	
10	6mm Cement plaster to ceiling in Cement Mortar 1:4 (1Cement:4 Sand) including carriage of materials within all leads and lifts.	18.50	Sqm			Per square metre	
11	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials within all leads and lifts.	81.18	Sqm			Per square metre	
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts:- Two or more coats on new work.	154.06	Sqm			Per square metre	
13	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts:- Two or more coats on new work.	66.18	Sqm			Per square metre	
14	Providing and fixing 110mm nominal size high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts.	24.60	Rmt			Per running metre.	
15	Providing and fixing 110mm nominal size PVC (finolex) Plain bends of required degree (any radius) including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	6.00	No.			Each	
16	Providing and fixing 110mm dia PVC (Finolex) door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc.complete. including carriage of materials within all leads and lifts.	2.00	No.			Each	
17	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00	No.			Each	
18	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	6.00	No.			Each	
19	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved	6.37	Cum			Per cubic metre	

20	Constructing brick masonry manhole in cement mortar 1:4:1 cement, 4 coarse sand, 1:3 mix (1 cement, 1.5 coarse sand (zone-III)) 3 graded stone aggregate 20mm nominal size, foundation concrete 1:4.8 mix (1 cement, 4 coarse sand (zone-III)) 8 graded stone aggregate 40 mm nominal size, inside plastering 12mm thick with cement mortar 1:3 (1 cement, 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2.4 (1 cement, 2 coarse sand, 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design. Inside size 120cm x 90cm and 90cm deep including C.I. cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.50 complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	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 College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

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


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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 204577.00
Earnest Money Rs. :- 4100.00

Time :- One Month.

Name of work:- A/R & M/O residential buildings under Shimla Division No. III (SH:-Outer side painting & distemper in type-II Qtrs, block No. 1 to 4 GF & FF, type-III Qtrs. block No. 1 of set No. 1 to 4 GF & FF & type-III, block No. 2 of Set No. 5 to 8 GF & FF at Raj Bhawan Shimla.).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	629.80 Sqm			Per square meter	
2	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.	929.80 Sqm			Per square meter	
3	Finishing walls with Acrylic Smooth exterior paint of required shade Old work (One or more coat applied @ 0.90 ltr/10sqm) including carriage of materials and as per the direction of the Engineer-in-Charge.	1574.51 Sqm			Per square meter	
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.	291.32 Sqm			Per square meter	
5	Providing scaffolding for all kind of works in multistorey buildings up to all height with Bamboo complete tied with rope on joints and pedestal 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 direction of the Engineer - in - charge.	418.80 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. III.
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 472927.00
 Earnest Money Rs. :- 9460.00
 Time:- One Month

Work:- Special Repair to MBBS / BDS Girls hostel at Blessington Estate Lakker Bazar Shimla. (SH:- Providing and fixing Pre-painted Sheet roofing, Ridges, hips and steel etc. for covered path from Cart road to hostel ground at RD, s 0/027 to 0/050.)

No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Excavation in foundation, trenches etc. in earth work in all classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and saturated soil, de-watering, including wedging out rocks where blasting work is prohibited, chiseling or any other mixed variety of soil, de-watering and/or removal of slush and incidentals, lift upto any heights, stacking the excavated soil not more than 3mtrs (Three metres) clear from the edge of excavation and then retuning the stacked soil in 15cm (Fifteen centimetre) layers, when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming, watering and then disposing of all excavated earth as directed by the Engineer-In charge including carriage of materials within all leads and lifts.	2.49 Cum.			Per cubic metre	
2	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth including carriage of materials within all leads and lifts.	2.49 Cum.			Per cubic metre.	
3	Steel work welded in built up sections trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint:-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.	30.77 Qtl.			Per quintal	
4	Providing and fixing 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20microns over 5microns primer coating to back coat of polyester of 5microns over 5microns primer coating including fixing with self drilling screws complete with pre-painted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge including carriage of materials upto all leads and lifts.	151.20 Sqm			Per square metre	
5	Providing and fixing ridges or hips 60cm overall with 0.50mm thick pre-painted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20microns over 5microns primer coating + back coat of polyester of 5microns over 5microns primer coating including fixing with self drilling screws complete and pre-painted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charge including carriage of materials upto all leads and lifts.	27.00 Rmt.			Per running metre.	
6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts:- Two or more coats on new steel work.	66.89 Sqm			Per square metre.	
	Conditions:-				Total	

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

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

SCHEDULE OF QUANTITY

Estimated cost:- 160432.00
 Earnest Money:- 3210.00
 Time :- One Month.

Work:- S/R to various residentail buildings under division no.III Shimla.(SH:- Providing and FixingLibrary book cabinet in drawing room at ground floor at Shimla.					
Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2 Providing and fixing Library book Cabinet Size 11'6"x20"x84" cabinet in antique design of 19 mm thick ISI marked board faced with pure teak veneer 4mm thick teak ply. The cabinet lower portion of 32" height width 15",20" depth having teakwood shutters 8nos. fitted on hinges with SS handles. The three sections of lower portion provided with the shelf making two compamtments and one section of 40" lengthhaving place for blower. The lower portion also having luvvers in slope portion. The upper portion 53" height, 15" depth also having 8 nos teak wood shutters with glass. The upper portion with 4 sections having three sheives of 12mm thick glass making four compartments in each section. The vertical edges LHS and RHS and centre provided with 3" x3" teak wood designer pillar. The top cabinet provided with teak wood moulding. The complete cabinet duly polished in wall nut melamine finish.	3 1.00 No	4	5	6 Per square metre	
TOTAL					

CONDITION

ates 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 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. :- 346000.00
 Earnest Money Rs. :- 6950.00
 Time:- One Month.

of Work:- Special repair to Council Chamber Building at H.P. Vidhan Sabha Shimla. (SH: - Replacement of Police Gumpiti, Roof near gate No. 6 & 1 at an Sabha Shimla.)

No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	1.03 Cum			Per cubic metre.	
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete with including carriage of materials within all leads and lifts	2.50 Cum			Per cubic metre	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	1456.46 Kgs			Per Kilogramme	
4	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including carriage of materials within all leads and lifts:- Hot finished welded type tubes.	851.63 Kg.			Per kilogramme metre.	
5	Providing and fixing M.S. BP Sheet 1.66mm to 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.	17.72 Sqm			Per square metre	
6	Providing corrugated G.S. sheet roofing 0.63mm thick 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 over lapping of sheets complete including carriage of materials within all leads and lifts:- (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.	44.44 Sqm			Per square metre	

6

Rajendra Choudhary

SCHEDULE OF QUANTITY

Estimated cost:- 380421.00
Earnest Money:- 7650.00
Time :- One Month

me of work:-Special repair to DDUZ hospital building at Shimla. (SH:-Providing & fixing steel fencing over existing railing on stair case portion & wooden partition including painting Corridor of Covid ward patients etc) at DDU hospital Shimla.

I. 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 1:3:6 or richer mix (i/c equivalent design mix)including carriage of materials within all leads and lifts.	0.63 Cum			Per cubic meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :-1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	0.63 Cum			Per Cubic meter	
3	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint.In gratings framed guard bars, ladders, railing, brackets and similar works including carriage of materials in all leads and lifts.	2335.50 Kgs.			Per Kilogramme	
4	Providing and fixing M.S. welded mesh 25mmX25mmX2mm 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.	144.40 Sqm			Per square meter	
5	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 including carriage of materials within all leads and lifts.	36.00 Sqm			Per square meter	
6	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.	0.16 Cum			Per cubic 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	2.88 Sqm.			Per square metre.	
8	Providing and fixing 6mm thick commercial ply wood ceiling of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	39.24 Sqm			Per square meter	
9	Providing and fixing 250x16 mm ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete including carriage of materials within all leads and lifts.	4.00 Nos.			Each	
10	Providing and fixing 150x10 mm ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc complete including carriage of materials within all leads and lifts.	4.00 Nos.			Each	
11	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.	22.50 Sqm			Per square meter	
12	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 complet including carriage of materials and as per the direction of the Engineer-in-Charge.	22.50 Sqm			Per square meter	

Painting with synthetic enamel paint on wood & wood based surfaces 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.	22.50 Sqm.			Per square meter
Painting with synthetic enamel paint on steel 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.	22.50 Sqm.			Per square meter
Providing scaffolding for all kind of works in multistorey buildings up to all height with Bamboo complete tied with rope on joints and pedestal 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 direction of the Engineer - in - charge.	150.00 Sqm			Per square meter
CONDITION:-				Total:-

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- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer- in- charge before use.
- 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.

SCHEDULE OF QUANTITY

Estimated cost:- 104621.00

Earnest Money:- 2090.00

Time :- One Month.

name of work:- A/R and M/O to Various residential buildings under division No.III Shimla. (SH:- Painting and distemper, repair of wooden partition wall Providing and Fixing M.S Steel grating over drain in Richmond villa Type IV set No.1 and type VI set No.3 at Richmond Shimla.

R. O.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures. 4	In Words 5		
1	2 Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or leaner mix (i/c equivalent design mix)	3 0.22 Cum		5	6 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 : 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	0.44 Cum			Per Cubic metre	
3	Steel work welded in built up sections including hollow section, trusses and framed work, including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials within all leads and lifts :-In beams, joists, channels, angles,, tees, flat with connecting plates, angles cleats, as in main and cross beams, hips, jack rafters, purlins connected to common rafter and the like including carriage of materials within all leads and lifts	324.00 kg			per/ kg	
4	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	5.76 Sqm.			Per square metre.	
5	Providing and Fixing plain lining with tongued and grooved jointing and screws 12mm thick. 2nd class deodar wood. including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	14.90 Sqm.			Per square metre.	
6	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.	14.90 Sqm.			Per square metre.	
7	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufactures. including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	14.90 Sqm.			Per square metre.	
8	Painting wood with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. One or more coats on old work	534.67 Sqm.			Per square metre.	

removing white or colour wash or dry bound distemper by scrapping and sand apering and preparing the surface smooth including necessary repairs to scratches etc. complete	182.46	Sqm	Per square metre.
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 within all leads, lifts of materials	182.46	Sqm	Per square metre.
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)	228.07	Sqm.	Per square metre.
Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in Charge. With cement mortar 1:4 (1 cement : 4 fine sand)	8.42	Sqm	Per square meter

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

SCHEDULE OF QUANTITY

Estimated cost:- 162363.00
Earnest Money:- 3250.00
Time :- One Month.

of work:- A/R and M/O to Various residential buildings under division no.III Shimla. (SH:- Repair / renovation of Porch & P/F M.S gate etc.in Type V Set No. D-1 at Bemloee a.)

Sub-Head/Item of work.	Qty.	In Figures.	Rate In Words	Unit.	Amount.
2 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	0.480 Cum	4	5 Per cubic metre	6 Per cubic metre	
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)	0.48 Cum			Per cubic metre	
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	754.40 Kg			Per /Kg	
Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	105.61 Kg			Per /Kg	
Providing and fixing MSBP sheet 1.66 to 2.00 mm thick in eaves board/facias/offsets/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per instruction of Engineer-in-charge	7.34 Sqmt			Per square metre.	
Providing and fixing PGI Sheet 0.63mm thick in ceiling/lining of approved quality with out 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.	2.82 Sqm			Per square meter	
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	25.77 Sqm.			Per square metre.	

Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete 0.63 mm thick with zinc coating not less than 275 gm m ²	6.70	Rmtr	Per running metre.
Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete :1.60 mm thick with zinc coating not less than 350 gm/m ²	5.00	Rmtr	Per running metre.
Providing and fixing polycarbonatd transparent sheet 2.0 mm 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 material within all leads and lifts.	14.22	Sqm.	Per square metre.
Applying priming coat. With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	41.66	Sqm	Per square meter
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	41.66	Sqm.	Per square metre.
Applying a coat of mordant solution on G.S. sheet:With a solution of 38 gms of copper acetate in a litre of soft water. including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	29.38	Sqm.	Per square metre.
Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution.	29.38	Sqm.	Per square metre.

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SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 145400.00
 Earnest Money Rs. :- 2910.00
 Time:- One Month.

Name of work: - Furnishing of Armsdale building at H.P. Secretariat Shimla. (SH:- Up holstering / re-stuffing of sofa set in Room No. A-322 & A-623 etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Up holstering / re-stuffing of sofa set using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials and seats of (sleepwell 40 density) size 21" X 22" X 4" complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:- (i) Three seater Sofa set	2.00 No.			Each	
2	Up holstering / re-stuffing of sofa set using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials and seats of (sleepwell 40 density) size 21" X 22" X 4" complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:- (i) single seater Sofa set	5.00 No.			Each	
3	Up holstering / re-stuffing of visitor chairs using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials and seats of (sleepwell 40 density) size 21" X 22" X 4" complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	16.00 No.			Each	
4	Providing and fixing cushions for satee Upholstering with 32 density superior quality foam sheet of approved shade of tapestry including the cost of materials complete as per H.P.P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:-	1.00 No.			Each	
4.01	Cushion of size 54" X 10" X 2"	2.00 No.			Each	
4.02	Cushion of size 54" X 10" X 2".	1.00 No.			Each	
	Cushion of size 3" X 16" X 3".					
	Conditions:-				Total	

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

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SCHEDULE OF QUANTITY

Name of work: -Special Repair to Sister Nivedita Nursing College Block "B" at IGMC Shimla (SH:Providing and Fixing Welded Mesh with Steel Work in front side window work)

Estimated Cost :-Rs 225560/- only
Earnest Money : Rs 4500/-Only
Time - One Month

S.N.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	2	3			6	7
1	Steel work bolted in built up sections,including cutting , hoisting ,fixing in position and applying priming coat of red lead paint Including carriage of material within all leads and lifts.(i) In Beams Joists Channels angles , Tees Etc	1612.19	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.	107.32	Sqm		Per Square Metre	
3	Providing and fixing M.S. BP sheet 1.66 to 2.00 mm thick in eaves board/facials/soffits/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	2.00	Sqm		Per square metre	
4	Painting two costs (excluding priming cost on new steel and other metal surfaces eith enamel paint brushin to give an even shade including cleaning the surface of all dirt,dust and other foregin matters including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge. (a) Enamel paint other than white	178.92	Sqm		Per square metre	
5	Painting two costs (excluding priming cost on new steel and other metal surfaces eith enamel paint brushin to give an even shade including cleaning the surface of all dirt,dust and other foregin matters including carriage of materials with in all leads	151.50	Sqm		Per square metre	
Conditions:-					Total	

i Rates should be quoted for all heights including all leads and lifts for internal and external works.
Draft schedule of quantity No.....for the year
2021-22 duly approved amounting to Rs.2,25,560/- only.

- ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.
iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. 430197.00
 Earnest Money Rs. 8610.00
 Time: One Month

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

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolition above G.L. upto all floor level including disposal of unserviceable materials within all leads and lifts including carriage of materials and including cutting the necessary reinforcement and separating out from R.B. works.	43.00 Cum.			Per cubic metre.	
2	Preparing the surface to receive water proofing treatment by removal of previous water proofing treatment and making surface ready to receive water proofing treatment. Cleaning the surface with wire brushes to clean, smooth & Dry surface, free of any loose particles/ reinforcement bars/ debris etc. Grooving and cleaning all the existing cracks and repairing them with polymer modifield mortar. washing if required (to be decided by our site incharge) before applying water proofing coat of Acrylic polymer modifield protective and decorative in water proof treatment with RCC work etc. as per site requirement and complete in all respect including all leads, lifts and carriage of material at site as directed by the Engineer in charge.	254.27 Sqm.			Per square metre.	
					Total	

Conditions:-

1. Rates should be quoted for all heights including all leads and lifts for internal and external works.
2. Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HPPWD Shimla-1 otherwise credit for useful materials will be charged.

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



SCHEDULE OF QUANTITY

Estimated cost:- 114736.00
Earnest Money:- 2300.00
Time :- One Month

name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH):- Covering of balcony with welded mesh block K-III/113) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	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 including carriage of materials in all leads and lifts.	1202.24 Kg			Per Killogramme	
2	Providing and fixing M.S. welded mesh 25mmX25mmX2mm 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.	12.50 Sqm			Per square meter	
CONDITION:-					Total:-	

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


Executive Engineer
Shimla Division NO.II.
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Direct Materials

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SCHEDULE OF QUANTITY

Estimated cost:- 112082.00
Earnest Money:- 2250.00
Time :- One Month

Name of work:- A/R & M/O residential building under Shimla Division No. III (SH):- Providing & fixing PVC flooring in Marlin Park GF, D-III/28, 37/1 GF and 37/3 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	134.23 Sqm			Per Square Metre	
CONDITION:-					Total:-	

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

Executive Engineer
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HP.RWD.Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 117768.00
 Earnest Money:- 2355.00
 Time :- One Month.

Work:- A/R and M/O to various residential buildings under Division No.III Shimla.(SH:- Providing and Laying chequered tile in Courtyard etc. in Block C-12 at Bemloe Shimla.)

Sub-Head/Item of work.	Qty.	In Figures. 4	Rate In Words 5	Unit.	Amount.
2 Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.	17.58 3 Sqmt			6 Per square meter	
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	13.34 Cum			Per Cubic metre	
Recast plain chequered tiles hydraulic compressed 22 mm thick laid in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (1 cement :6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) complete with tiles of medium shades including carriage of materials within all leads and lifts.(N.T.C make)	56.15 Sqm.			Per square metre.	
15 mm cement plaster on the fair side of single or half brick wall of mix : 1:6 (1 cement: 6 coarse sand) including carriage of materials in all leads and lifts.	7.86 Sqm			Per square metre.	

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SCHEDULE OF QUANTITY

Estimated cost:- 127182.00
 Earnest Money:- 2540.00
 Time :- One Month.

Line of work:- A/R and M/O to Various residential buildings under division No.III Shimla. (SH:- Providing and Fixing cupboard and Providing and Laying tiles in type -V No.15 and type VI set No.6 at Richmond Shimla.

Sub-Head/Item of work.

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2	3	4	5	6	
Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position. 2nd class deodar wood. including carriage of materials in all leads and lifts.	Cum	0.033		Per cubic metre	
Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work) including cover fillets to be measured and paid for separately including complete carriage of material in all leads and lifts	Sqm.	13.92		Per square metre.	
Providing and fixing 12mm thick ply wood lining with butt jointing and nails (frame work) including cover fillets to be measured and paid for separately including complete carriage of material in all leads and lifts	Sqm.	0.72		Per square metre.	
Providing and fixing 19 mm thick commercial board water proof shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	Sqm.	16.62		Per square metre.	
Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	Sqm.	22.80		Per square metre.	
Providing and fixing 0.80 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	Sqm.	16.62		Per square metre.	
Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including fitting at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts. 2nd class d/dar wood.	Rmtr	41.20		Per running metre.	
Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm.	No	42.00		Each	
Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	No	42.00		Each	

0	Providing & 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.	19.25	Sqm.	Per square metre.
1	Providing and applying a coat of putty made of high grade paint mixed with POP and chalk mitti in required proportion and then applying on wooden surface after and including preparing the surface to prepare the surface even and smooth complete within all leads, lifts of materials	76.14	Sqm	Per square metre.
2	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.	76.14	Sqm.	Per square metre.
3	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufactures. including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	76.14	Sqm.	Per square metre.
4	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 20 mm dia nominal bore.	33.00	Nos.	Each
5	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 20 mm nominal bore.	6.00	No.	Each

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HP.PWD.Shimla-171003

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.

SCHEDULE OF QUANTITY

Name of work: -A/R & M/O Various residential buildings under Shimla Division No. III (SH):-
 Providing & fixing tiles, Shutters, polycarbonate Sheet and painting etc to block "B" type-III of set
 No. 11 at Barnes Court Shimla).

Estimated Cost: -Rs156978/- only

Earnest Money : Rs.3200/-Only

Time - One Month

Sub head and items of work

Sl No	Qty.	Rate		Unit	Amount
		In figure	In words		
1	3			6	7
1	26.84	Sqm		Per square meter	
2	11.05	Sqm		Per square meter	
3	5.52	Sqm		Per square meter	
4	9.00	Nos.		Each	
5	18.00	Nos.		Each	
6	18.00	Nos.		Each	
7	3.00	Nos.		Each	
8	29.46	Sqm		Per square meter	

1 Dismantling tile work in floors and roofs laid in cement mortar including stacking material within all leads For thickness of tiles above 25 mm and up to 40 mm including carriage of materials within all leads and lifts

2 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

3 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 materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood

4 Providing and fixing 250x16 mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.

5 Providing and fixing 150x10 mm aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.

6 Providing and fixing 100 mm aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.

7 Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) complete including carriage of materials within all leads and lifts.

8 Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm including carriage of materials within all leads and lifts.

9	Providing and fixing polycarbonate transparent sheet 1.20mm 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.	26.48	Sqm		Per square meter
10	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	33.71	Sqm		Per square meter
11	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	40.53	Sqm		Per square meter
	Conditions:-				Total

Draft schedule of quantity No.....for the year 2021-22 duly approved amounting to Rs.1,56,978only.

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.
- Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.


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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 123527.00
 Earnest Money Rs. :- 2500.00
 Time:- One Month.

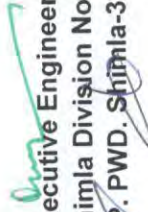
Line of work:- Special Repair to New Annexe at Metropole Shimla. (SH):- Construction of Manhole alongwith providing and laying PVC pipe for sewerage line in basement.)

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).	3.68 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts. :- All kinds of soil.	4.83 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :- (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40mm nominal size) including carriage of materials within all leads and lifts.	1.38 Cum.			Per cubic metre.	
4	Providing and fixing pipes in trenches PVC (Finolex) type "A" pipes including filling the joints with approved adhesive and including require No. of collar and clamps etc complete including carriage of materials within all leads and lifts :- (i) 150mm nominal 110mm nominal size.	39.90 Rmt 5.40 Rmt			Per running metre Per running metre	
5	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 150mm dia 110mm dia.	2.00 No.			Each	
6	Providing and fixing PVC Finolex type "A" collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 150mm nominal size (ii) 110mm nominal size	8.00 No. 6.00 No.			Each Each	
7	Providing and fixing PVC Finolex type "A" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 150mm nominal size. (ii) 110mm nominal size.	4.00 No 4.00 No.			Each Each	
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete with including carriage of materials within all leads and lifts	8.00 No 3.68 Cum			Each Per cubic metre	

9	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 complete with including carriage of materials within all leads and lifts.	3.00 No	Each
0	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design Inside size 90cm x 80cm and 45cm deep including C.I. cover with frame (light duty) 455mm x 610mm internal dimensions, total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) With Sewer bricks conforming to IS : 4895 including carriage of materials within all leads and Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete with including carriage of materials within all leads and lifts.	2.00 No	Each
1		1.00 No	Each
2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50m initial lead, for all leads including all lifts involved complete including carriage of materials within all leads and lifts.	5.11 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 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.


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

SCHEDULE OF QUANTITY

Name of work:- Special Repair to Set No. 7 occupied by Sh. Suresh Kumar (Supdt.) New Annexe at Metropole Shimla. (SH:- Providing fixing Paneled glazed shutter, Wire gauge shutter, Cup board, Tiles work, Painting, Distemper and WS & SI work etc.)

Estimated Cost Rs. :- 247454.00
 Earnest Money Rs. :- 4950.00
 Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material 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).	1.61 Cum			Per cubic metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm.	15.27 Sqm			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size)	1.93 Cum.			Per cubic metre.	
4	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class 1:4 (1 cement : 4 coarse sand)	2.52 Sqm			Per square metre	
5	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.	0.10 Cum.			Per cubic metre.	
6	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.	
7	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.	3.96 Sqm			Per square metre.	
8	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.	8.68 Sqm.			Per square metre.	
9	Providing and fixing 19mm thick Commercial Board shutters for cup boards including materials within all leads and lifts.	5.38 Sqm.			Per square metre.	
10	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	3.78 Sqm.			Per Square metre	
11	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:- 1.0 mm thick complete including carriage of materials within all leads and lifts.	10.42 Sqm.			Per square metre.	

2	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	29.66 Rmt.			Per running metre.
3	Providing and fixing 250mm x 16mm 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
4	Providing and fixing aluminium 150x10 mm size tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	14.00 No.			Each
5	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	16.00 No.			Each.
6	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	12.00 No.			Each
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type)	12.00 No			Each
8	Providing and laying Ceramic glazed floor tiles of size 300mm x 300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	4.00 Sqm			Per Square metre
9	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 .	26.25 Sqm			Per Square metre
10	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.	36.12 Sqm.			Per Square metre
21	Providing and laying marble stone flooring with 18mm thick marble stone as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with including carriage of materials within all leads and lifts:- Udaipur green marble.	2.59 Sqm.			Per square metre
22	Providing and laying extra for pre finished nosing to treads of steps of marble stone including carriage of materials within all leads and lifts.	3.30 Rmt.			Per running metre.
23	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.	21.54 Sqm.			Per square metre
24	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer	21.54 Sqm			Per square metre

25	Distemping with 1st quality acrylic distemper (ready made) having VOC content less than 50gm per ltr. of approved manufacturer's specification One or more coats on old work complete including carriage of materials in all leads and lifts.	105.41 Sqm.	Per square metre.
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coats applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	46.66 Sqm	Per square metre
27	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.	46.66 Sqm	Per square metre.
28	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.	26.52 Sqm	Per square metre
29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	93.02 Sqm	Per square metre
30	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50m initial lead, for all leads including all lifts involved complete including carriage of materials within all leads and lifts.	1.99 Cum	Per cubic metre
31	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15 mm dia nominal bore complete including carriage of materials in all leads and lifts.	10.02 Rmt.	Per Running Metre.
32	Providing and fixing vitreous china dual purpose closet suitable for use as squatting pan or European type water closet (Anglo Indian W.C pan) with seat & lid fixed with C.P. brass hinges and rubber buffers, 10 litre low level flushing cistern with fitting and brackets, 40 mm flush bend, 20 mm over flow pipe, with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required White vitreous china dual purpose WC pan with white solid plastic seat and lid with white vitreous china flushing cistern and C.P. flush bend complete including carriage of materials within all leads and lifts.	1.00 No.	Each
33	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 630x450 mm with a pair of 15 mm C.P. brass pillar taps	1.00 No.	Each
34	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 610mm x 460mm bowl depth 200mm.	1.00 No.	Each
35	Providing and fixing 32 mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe.	2.00 No.	Each
36	Providing and fixing 100mm sand cast Iron grating for gully trap including carriage of materials within all leads and lifts.	2.00 No.	Each

37	Providing and fixing 600mm x 450mm bevelled 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 including carriage of materials within all leads and lifts.	1.00 No.			Each
38	Providing and fixing 600mm x 120mm x 5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete including carriage of materials within all leads and lifts.	1.00 No			Each
39	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	7.00 No			Each
40	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.	2.00 No			Each
41	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete including carriage of materials within all leads and lifts.	8.00 No.			Each
42	Providing and fixing chromium plated soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws etc. complete including carriage of materials within all leads and lifts.	3.00 No.			Each
43	Providing and fixing PTMT Towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170gms.	1.00 No			Each
44	Providing and fixing 8mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00 No.			Each
45	Providing and fixing PVC (Finolex) floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:- (i) 110mm X 75mm size.	2.00 No			Each
46	Providing and fixing pipes on wall face PVC (Finolex) type "A" pipes including filling the joints with approved adhesive and including require No. of collar and clamps etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	3.70 Rmt			Per running metre
(ii)	75mm nominal size.	5.30 Rmt			Per running metre
47	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00 No			Each
(ii)	75mm nominal size.	2.00 No			Each
48	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	2.00 No.			Each
(ii)	75mm nominal size.	3.00 No.			Each

49	Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00 No.			Each
(ii)	75mm nominal size.	2.00 No.			Each
50	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials within all leads and lifts.	2.00 No			Each
Conditions:-					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.

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 243891.00
 Earnest Money Rs. :- 4900.00
 Time:- One Month.

ame of work:- Improvement of road from Cart road to Annadale KM's 0/00 to 4/160. (SH: - Construction of PCC retaining wall at RD's 0/405 to 0/413.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	26.24 Cum			Per cubic metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	3.60 Cum			Per cubic metre	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	42.04 Cum			Per Cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	7.80 Cum			Per Cubic metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	21.58 Rmt.			Per Running metre	
	Conditions:-					
	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.					
					Total	

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 194185.00
Earnest Money Rs. :- 3900.00
Time:- One Month.

Name of work:- Special Repair to New MLA Hostel Building at Vidhan Sabha Shimla. (SH:- Providing and fixing Tiles work, Granite work, Cup board, Painting and Distemping in Set No. 310 of Block-E.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	In words		
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in - charge	0.39 Cum			Per Cubic metre	
2	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking complete as per design including carriage of materials within all leads and lifts.	5.77 Sqm			Per square metre	
3	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	7.49 Sqm			Per square metre	
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm.	23.03 Sqm			Per square metre	
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.	3.93 Sqm.			Per square metre.	
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size). upto floor all level complete including carriage of materials within all leads and lifts as per direction of Engineer-in- charge.	0.58 Cum			Per cubic metre	
7	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.	47.00 Kgs			Per kilogramme	
8	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand)complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	3.05 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.	5.04 Sqm	Per square metre.
10	Providing and fixing 100mm x 10mm size 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. including carriage of materials within all leads and lifts.	16.00 No	Each.
11	Providing and fixing 100 mm size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	7.00 No	Each.
12	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 4.0 mm thick glass panes complete including carriage of materials within all leads and lifts.	3.96 Sqm.	Per square metre.
13	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.	7.08 Sqm.	Per square metre.
14	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	13.36 Sqm.	Per square metre.
15	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials within all leads and lifts.	9.15 Sqm.	Per square metre.
16	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	34.04 Rmt.	Per running metre.
17	Providing and fixing ply wood ceiling / lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	9.24 Sqm.	Per Square metre
18	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	11.00 No.	Each
19	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).	9.00 No	Each
20	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	3.00 No.	Per Set

21	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 of size Size of Tile 500x500 mm including carriage of materials within all leads and lifts.	3.93 Sqm		Per square metre
22	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	22.86 Sqm		Per square metre
23	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	5.56 Sqm.		Per Square metre
24	Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	25.30 Rmt.		Per running metre
25	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.	94.38 Sqm		Per square metre
26	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.	156.56 Sqm		Per square metre
27	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.	183.76 Sqm		Per square metre
28	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.	28.84 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 including carriage of materials within all leads and lifts.	28.84 Sqm		Per square metre

30	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	28.84 Sqm	Per square metre.
31	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-Kitchen sink with drain board 510x1040 mm bowl depth 200 mm complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	1.00 No.	Each
32	Providing and fixing 32 mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	1.00 No.	Each
33	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	19.00 Rmt.	Per Running metre
34	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.	3.00 No.	Each
35	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	3.00 No.	Each
36	Providing and fixing central hole wash basin mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-ESS ESS Trend series T-118.	1.00 No	Each
37	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.	98.00 Kg.	Per kilogramme metre.
38	Providing and fixing polycarbonatd transparent sheet 1.20mm 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.	2.40 Sqm	Per square metre
39	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	3.00 No	Each
40	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i) 15 mm nominal bore.	2.00 No.	Each
41	Providing and fixing 100 mm nominal dia Circular type PTMT grating of approved quality and colour complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00 No.	Each

42	Providing and fixing C.P. wall flange/ Cap 15mm (fifteen millimetre) nominal bore with fittings including carriage of materials within all leads and lifts.	2.00 No.		Each
43	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.50 cum or more.	1.16 Cum		Per cubic metre
Total				Total

Conditions:-

- 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.

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 353305.00
 Earnest Money Rs. :- 7100.00
 Time :- One Month.

Sl. No. Items of work Quantity Rate In figures In words Unit. Amount.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	51.40 Cum			Per cubic metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:5:10 (1 cement : 5 coarse sand) 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.10 Cum			Per cubic metre	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) 6 graded stone aggregate 20 mm nominal size.)	57.40 Cum			Per Cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	7.20 Cum			Per Cubic metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	19.50 Rmt.			Per Running metre	
6	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. (Labour rate)	9.00 Cum			Per Cubic metre	

Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	42.20 Cum		Per Cubic metre	
			Total	

Conditions:-

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 482816.00
 Earnest Money Rs. :- 9660.00
 Time:- One Month.

Name of work: - Special repair to Armsdale building at H.P. Secretariat Chotta Shimla. (SH:- Providing and fixing anti skid water proof tape in stair cases of Armsdale building Phase-I & II etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing anti skid water proof tape of 2" wide including fixing complete with carriage of material within all leads and lifts as per the direction of the Engineer-in-Charge.	294.40 Rmt.			Per running metre.	
Conditions:-					Total	

- i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.
 ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

348

Om Parkash
Bharat

23

SCHEDULE OF QUANTITY

Estimated cost 146345.00
Earnest Money 2930.00

Time :- One Month.

Name of work:-A/R and M/O to Residential Building under division No.III Shimla. (SH:- Repair of Doors , windows, Marble work and painting and distempering etc.in Block No.33 set No.9 , 10 at U.S Club Shimla.)

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	2	3	4	5	6	
1	Dismantling doors, windows and clerestory windows (steel or wood) C277 shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead	9.00	Nos		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. 35mm thk.	8.90	Sqm.		Per square 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.	149.00	Mtr		Per running metre.	
4	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 :	5.00	No.		Each	
5	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 : 300mm x 250mmx10mm	10.00	No.		Each	
(ii)	250mmx10mm	14.00	No.		Each	
6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :125mm.	10.00	No		Each	
(ii)	100 mm	14.00	No		Each	
(ii)	75mm	22.00	No		Each	

7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	15.00	No.			Each
8	Providing and fixing 19 mm thick commercial board water proof shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	3.57	Sqm.			Per square metre.
9	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	8.65	Sqm.			Per square metre.
10	Providing and fixing 1.0 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.	3.57	Sqm			Per square metre.
11	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	127.12	mtr			Running metre
12	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately). Raj Nagar	4.28	Sqm.			Per square metre.
13	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.	54.35	Sqm.			Per square metre.
14	Applying priming coat. With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	54.35	Sqm			Per square meter
15	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	54.35	Sqm.			Per square metre.

16	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	74.11	Sqm.		Per square metre.
17	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. (On New work)	17.63	Sqm.		Per square metre.
18	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 within all leads, lifts of materials.including carriage of materials within all leads and lifts	59.54	Sqm		Per square metre.
19	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 within all leads, lifts of materials	59.54	Sqm		Per square metre.
20	Distemping with 1st quality oil bound distemper (ready mixed) of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.one or more coat coat on old work.including carriage of materials within all leads and lifts	148.85	Sqm.		Per square metre.
Draft Schedule of Qty NO 351		For the year 2021-22 duly approved for Rs 146351/- only. Rs one lakhs fourty six thousand three hundred forty six only			

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 353305.00
 Earnest Money Rs. :- 7100.00
 Time:- One Month.

of work:- Improvement of road from Cart road to Annadale KM's 0/00 to 4/160. (SH:- Construction of PCC retaining wall at RD's 1/249 to 1/251.)

No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	51.40 Cum			Per cubic metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.10 Cum			Per cubic metre	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	57.40 Cum			Per Cubic metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	7.20 Cum			Per Cubic metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	19.50 Rmt.			Per Running metre	
6	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. (Labour rate)	9.00 Cum			Per Cubic metre	

7	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	42.20 Cum			Per Cubic metre	
Total						

Conditions:-

- 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.

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 358302.00
 Earnest Money Rs. :- 7200.00
 Time:- One Month.

of work:- Special Repair to New MLA Hostel Building at Vidhan Sabha Shimla. (SH:- Providing and fixing Cup Board in Kitchen, Granite work, Tiles work, and Distemping in Set No. 405 & 406 in Block-D etc.)

S. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in - charge	0.78 Cum			Per Cubic metre	
	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking complete as per design including carriage of materials within all leads and lifts.	11.33 Sqm			Per square metre	
	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	14.98 Sqm			Per square metre	
	Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm.	46.06 Sqm			Per square metre	
	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.	7.86 Sqm.			Per square metre.	
	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size). upto floor all level complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	0.78 Cum			Per cubic metre	
7	Providing and laying up to floor five level reinforced cement concrete in shelves, intel, kerbs, steps and the like 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) upto floor all level complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	0.78 Cum			Per cubic metre	
8	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.	93.60 Kgs			Per kilogramme	

9	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.68 Sqm	Per square metre
10	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.	14.16 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.	43.56 Sqm.	Per square metre.
12	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. including carriage of materials within all leads and lifts.	18.30 Sqm.	Per square metre.
13	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	63.10 Rmt.	Per running metre.
14	Providing and fixing ply wood ceiling / lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	9.24 Sqm.	Per Square metre
15	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	44.00 No.	Each
16	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).	36.00 No	Each
17	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	7.00 No.	Per Set
18	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 of size Size of Tile 500x500 mm including carriage of materials within all leads and lifts.	7.86 Sqm	Per square metre
19	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	45.72 Sqm	Per square metre

20	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	11.12 Sqm.		Per Square metre
21	Extra for pre finished nosing to treads of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	50.60 Rmt.		Per running metre
22	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	7.49 Sqm		Per square metre
23	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.	556.24 Sqm		Per square metre
24	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.	312.12 Sqm		Per square metre
25	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.	143.46 Sqm		Per square metre.
26	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	143.46 Sqm		Per square metre
27	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	143.46 Sqm		Per square metre.
28	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-Kitchen sink with drain board 510x1040 mm bowl depth 200 mm complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00 No.		Each
29	Providing and fixing 32 mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00 No.		Each

30	Providing and fixing 100 mm nominal dia Circular type PTMT grating of approved quality and colour complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00 No.	Each
31	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	24.00 Rmt.	Per Running metre
32	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:893115mm nominal bore complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	4.00 No.	Each
33	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge	4.00 No.	Each
34	Providing and fixing PVC Finolex floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads an lifts:-	4.00 No.	Each
35	(i)110mm X 90mm size.	2.00 No	Each
36	Providing and fixing central hole wash basin mixture / sink mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-ESS ESS Trend series T-118.	6.00 No	Each
37	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	4.00 No.	Each
38	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i) 15 mm nominal bore.	8.00 No.	Each
39	Providing and fixing C.P. wall flange/ Cap 15mm (fifteen millimetre) nominal bore with fittings including carriage of materials within all leads and lifts.	1.29 Cum	Per cubic metre
	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.		
	Conditions:-		Total

1 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.

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 462617.00
 Earnest Money Rs. :- 9300.00
 Time:- One Month.

26

Item of work:- Special Repair to New Library Building near Vidhan Sabha Shimla. (SH: - Repair/ construction of Shed for generator of HPSEB etc.)

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).	0.39 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts:- All kinds of soil.	1.58 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.97 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 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	0.26 Cum			Per cubic metre.	
5	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 40mm thick with 20mm nominal size stone aggregate	39.00 Sqm			Per square metre	
6	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm (+ 0.05%) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete including carriage of materials within all leads and lifts.	62.16 Sqm			Per square metre	

7	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS:277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete including carriage of materials within all leads and lifts:- Flashings/ Aprons. (Upto 600 mm).	11.20 Rmt.			Per running metre
8	Providing and fixing TATA make corrugated liner sheet 0.35mm thick or lining of walls/ partitions including fixing with nails/ screws/ rawl plugs etc. complete including carriage of materials within all leads and lifts.	86.88 Rmt.			Per running metre
9	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.	2956.00 Kgs			Per Kilogramme
10	Providing and fixing M.S. BP Sheet 1.66mm to 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.	29.90 Sqm			Per square metre
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	51.07 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 Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost: -Rs.346244/- only

Earnest Money : Rs.7000/-Only

Time - One Month

Name of work: - Special Repair to various residential building under Shimla Division No. III. (SH: - Providing and fixing Interlocking pavers, Polycarbonate transparent Sheet and welded mesh etc. in old Judges Residence Banglow No. 6 at Harvington Estate Shimla.)

S.N o.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In figure	In words		
1	1	3			6	7
2	2	177.52	Sqm		Per square metre	
3	3	31.90	Sqm		Per square metre	
4	4	23.75	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 ~~separately~~ **standard** in the market should confirm to bureau of Indian standards.

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