

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

**“CORRIGENDUM”**

*The following amendment may kindly be noted in notice inviting tender called vide this office No.SD-III-CB-Tender/2021-22-10182-94 Dated:- 19-08-2021.*

Sr. No.	DESCRIPTION	ORIGINAL	AMENDED	REMARKS
1	<i>Date of application</i>	25-08-2021	03-09-2021	----
2	<i>Date of issue of tender form</i>	26-08-2021	04-09-2021	--
3	<i>Date of Opening</i>	27-08-2021	06-09-2021	----

*Executive Engineer  
Shimla Division No-III,  
HPPWD Shimla-3.*

*NO.SD-III-CB-Tender/2021-22- ३५८०८०*

*Dated:- २५८०८०*

*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 for information Please.*
4. *The Executive Engineer, IT wing to the Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla- 2 alongwith schedule of quantity through (e-mail) for taking necessary action in view of principal Secretary(PW) to the Government of Himachal Pradesh notification No.PBW(B)A(3)1 2020 dated 16<sup>th</sup> July,2021.*
5. *The Municipal Commissioner M.C. Shimla.*
5. *All the Assistant Engineers working under this Division.*
6. *The president contractor association Shimla.*
7. *Notice board.*

*Executive Engineer,  
Shimla Division No-III,  
HPPWD 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 27-08-2021 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 26-08-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 25-08-2021.

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	Special Repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Providing and Fixing stairs for Home Guard Office and transformer stand in Armsdale building).	Rs.1,51,441/-	Rs.3030/-	One Month	6&8	350/-
2	Special repair to residential accommodation under CMO at DDU Hospital Shimla.(SH:- Repair of main stair case, covering of entry portion with welded mesh, polycarbonate sheet & painting etc in residential accommodation allotted to Dr. Madhuri Dadwal) at DDU Hospital Shimla).	Rs.3,84,990/-	Rs.7700/-	One Month	6&8	350/-
3	Special Repair to Govt. Degree College College Shimla. (SH:- Construction of spiral stair etc).	Rs.2,19,329/-	Rs.4400/-	One Month	6&8	350/-
4	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Balance work of providing and fixing paneling, flooring and polishing in room No.A-501).	Rs.2,57,371/-	Rs.5150/-	One Month	6&8	350/-
5	Special repair to Directorate of Higher Education at Glen Hogan Shimla-3.(SH:- Providing & Fixing tiles, shutters, painting & distempering including sanitary fittings etc in toilets of block-A adjacent to District Attorney room).	Rs.1,11,665/-	Rs.2250/-	One Month	6&8	350/-
6	Special repair to Its, floor of set No. 2 at Yates place near Raj Baan Shimla-2.(SH:- Providing & Fixing wood work, shuttering ply & PVC flooring etc).	Rs.2,54,863/-	Rs.5100/-	One Month	6&8	350/-
7	A/R & M/O to various residential buildings under Division No.III Shimla.(SH:- Outside painting and Distempering of block 1 at U.S Club Shimla).	Rs.1,22,863/-	Rs.2460/-	One Month	6&8	350/-
8	Special Repair to Dental College at IGMC Shimla. (SH:- Providing and fixing sanitary fitting in toilets in all floors).	Rs.1,45,081/-	Rs.2910/-	One Month	6&8	350/-
9	Special Repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Providing and Fixing wooden paneling, flooring and toilet fitting in room No. A-419 etc).	Rs.3,24,133/-	Rs.6490/-	One Month	6&8	350/-
10	Special repair of block-1, type-II of set No. 1 at Raj Bhawan Shimla-2. (SH:- Providing and fixing cupboards ceiling, tiles, painting and distempering including sanitary fittings etc).	Rs.1,42,034/-	Rs.2850/-	One Month	6&8	350/-
11	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Balance work of steel platefarm for transformer in back side of Armsdale building).	Rs.3,77,892/-	Rs.7560/-	One Month	6&8	350/-
12	Special repair to GAD work shop at Majitha House Shimla-2 (SH:- Providing and laying interlocking pavers and PVC flooring in workshop etc).	Rs.2,90,974/-	Rs.5820/-	One Month	6&8	350/-
13	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Providign and Fixing wooden paneling, flooring, painting and renovation of toilet in room No. A-101 etc).	Rs.4,50,998/-	Rs.9020/-	One Month	6&8	350/-
14	S/R to Yojna Bhawan Building at HP Sectt. Chotta Shimla(SH:- P/F UPVC windows in room No. Y501 and Y503 etc.).	Rs.4,98,326/-	Rs.99700/-	One Month	6&8	350/-
15	S/R to raj Bhawan residential Qtr. Block-I, type-II Qtr. And Guard room at Old Raj Bhawan petterhoff Chaura Maidan Shimla(SH:- P/L Sewerage pipe line and C/O manhole etc.).	Rs.2,71,288/-	Rs.5450/-	One Month	6&8	350/-
16	S/R to various residences under Shimla Division No-III Shimla(SH:- P/F 19mm thick ply board, 4mm thick taka ply, paneling work with 1 <sup>st</sup> class deadar wood, repair of granite stone, repair of PVC flooring and other misc. work in residence under sub-division No-II at Benmore Shimla).	Rs.3,11,188/-	Rs.6220/-	One Month	6&8	350/-
17	S/R to Armsdale building at HP Sectt. Chotta Shimla(SH:- P/F wooden paneling and flooring in room No.A-329 etc.).	Rs.3,27,898/-	Rs.6560/-	One Month	6&8	350/-
18	S/R to Armsdale building at HP Sectt. Chotta Shimla(SH:- P/F wooden partition and flooring in room No.A-331 etc.).	Rs.3,10,045/-	Rs.6210/-	One Month	6&8	350/-
19	R/R damages Balquali building at Chaura Maidan Shimla(SH:- C/O retaining and breast wall a/w railing etc).	Rs.3,61,753/-	Rs.7250/-	One Month	6&8	350/-
20	S/R to Armsdale building at HP Sectt. Chotta Shimla(SH:- Balance work of P/F wooden paneling and flooring and toilet fitting in room No.A-329 etc.).	Rs.1,96,492/-	Rs.3930/-	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

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

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

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

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

19-8-21

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

SCHEDULE OF QUANTITY

Name of work: - Springdale building.)

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 in foundation trenches or drains (not exceeding 1.50m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50m, including getting out the excavated soil and disposal of surplus excavated soil including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge:- All kinds of soil.	1.29 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 including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge:- 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	1.29 Cum		Per cubic metre	
3	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.	1572.38 Kgs		Per Kilogramme	
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	27.60 Sqm		Per square metre	
<b>Conditions:-</b>					
<i>1 Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.</i>					

Prices should be quoted for all reads, lifts and all heights irrespective of any floor level etc.

....., we can use the instructions to be used on work. Similar 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 conform to Bureau of Indian standards.

Opened by me  
Cutting  
O. W.  
Condition  
R pack  
F T ..

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

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

**(2)**  
**SCHEDULE OF QUANTITY**

Estimated cost:- 384990.00  
Earnest Money:- 7700.00  
Time :- One Month

Name of work:-Special repair to residential accommodation under CMO at DDU hospital Shimla. (SH:-Repair of main stair case, covering of entry portion with welded mesh, polycarbonate sheet & painting etc in residential accommodation allotted to Dr. Madhuri Dadwal) at DDU hospital Shimla.

Sl. No.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
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 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 All kinds of soil including carriage of materials within all leads and lifts.	2.59 Cum			Per cubic meter	
2	Demolishing cement concrete manually/ by mechanical means including disposal of materials within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (lc equivalent design mix)including carriage of materials within all leads and lifts.	0.43 Cum			Per cubic meter	
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 20 mm nominal size)including carriage of materials within all leads and lifts.	5.23 Cum			Per Cubic meter	
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.	2425.69 Kgs.			Per Kilogramme	
5	Providing and fixing M.S. welded mesh 25mmX25mmX3mm 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.	24.50 Sqm			Per square meter	
6	Providing and fixing polycarbonated transparent sheet 2.00mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	35.00 Sqm			Per square meter	
7	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering and stopping With enamel paint other than white paint including carriage of materials within all leads and lifts.	80.98 Sqm			Per square metre	
8	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.	2.00 Nos.			Each	
9	Providing and fixing 100x10 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.	2.00 Nos.			Each	
10	Providing and fixing 125 mm ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete including carriage of materials within all leads and lifts.	4.00 Nos.			Each	
11	Providing and fixing 30cm wide 90cm overall box type 0.45mm thick prepainged sheet Tata Durashine or equivalent gutter of approved brand shade and design with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating gutter fixed with bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design (frame work to be measured and paid for separately) :- 0.60 mm ( zero point sixty three millimetre) thick sheet including carriage of material within all leads and lifts.	15.80 Rmt.			Per Running metre	
12	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete Flashings/ Aprons ( Upto 600 mm) including carriage of materials upto all leads and lifts.	8.80 Sqm			Per square meter	

			1.44 Sqm	Per square meter
13	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ fascia/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	2.00 Nos.		Each
14	Providing and fixing rain water head Hexagonal rain water head 250x200mm, 80 or 100 mm dia Bambu including carriage of materials within all leads and lifts.	10.25 Rmt		Per running meter
15	Providing and fixing 110mm dia 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.	2.00 Nos.		Each
16	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. 110mm nominal size.	6.44 Cum		Per cubic meter
17	Disposal of morum/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.			Total:-

**CONDITION:-**

- 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.



Executive Engineer  
Shimla Division NO. III.  
HP.PWD.Shimla-17/003

**(3)**  
**SCHEDULE OF QUANTITY**

name of work:- Special Repair to Govt Degree College Shimla.(SH: Construction of spiral stair etc.)

Estimated cost: 219329.00  
Earnest Money: 4400.00  
Time: One Month.

R. NO. Sub-Head/Item of work.

R. NO.	Sub-Head/Item of work.	Qty.	In Figures.	Rate	Unit.	Amount.
		3	4	5	6	
1	Earth work in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with $\frac{1}{2}$ tonne roller or wooden or steel rammers, and rolling every 3rd and topmost layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50 m and lift upto 1.5 mtr All kinds of soil	1.72 cum			Per Cubic metre.	
2	Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing. 1:1 $\frac{1}{2}$ :3 (1 Cement: $1\frac{1}{2}$ coarse sand) : 3 graded stone aggregate 20 mm nominal size)	1.29 cum			Per Cubic metre.	
3	1:5 (1 cement: 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	0.43 cum			Per Cubic metre.	
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	90.30 Kg			Per Kg	
5	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.	1772.74 Kg			Per Kg	
6	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube	48.24 Kg			Per Kg	
7	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement: 4 coarse sand)	1.44 Sqm.			Per square Metre	
8	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	2.16 Sqm.			Per square Metre.	
9	Providing and fixing precoated 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	0.30 Rmt.			Per running metre.	

Painting with synthetic enamel paint of approved brand and manufacture to give an even shade. Two or more coats on new work

25.69 Sqm.

Per square  
metre.

#### CONDITION

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

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

Executive Engineer  
Shimla Division NO.ill.  
HP PWD Shimla 171003  
*Xes*

**SCHEDULE OF QUANTITY**

**4**

Estimated Cost Rs.:- 257371.00  
Earnest Money Rs.:- 5150.00

Time:- One Month.

Name of work:- Special Repair to Armsdale Building at HP Secretariat Chotta Shimla.(SH:- Balance work of providing and fixing Paneling, Flooring and polishing in Room No. A-501.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	45.76 Sqm			Per square metre.	
2	Providing and fixing 19mm thick commercial board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	9.08 Sqm			Per square metre.	
3	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality (ISI) mark and approved shade and colour complete including carriage of material within all leads and lifts.	54.84 Sqm			Per square metre.	
4	Providing and fixing plain square edged cover fillets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitting at junctions in hard wood including carriage of materials within all leads and lifts.	39.90 Rmt			Per running metre.	
5	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	12.96 Sqm			Per square metre.	
6	Taking out doors, windows and clerestory windows shutters (steel or wood) and repair by cutting, painting and refix of repaired door shutters to existing door frames, including replacement of hinges with screws etc as required including carriage of materials within all leads and lifts.	4.00 No.			Each	
7	Providing wood work in frames of false ceiling and partitions etc. sawn and put up in position including carriage of materials in all leads and lifts - Second class deodar wood	0.25 Cum			Per Cubic metre	
8	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	7.38 Sqm			Per square metre.	
9	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	15.00 No.			Each	
10	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	10.00 No.			Each	
11	Providing and fixing drawer lock of superior quality fitting complete including carriage of materials in all leads and lifts.	10.00 No.			Each	
12	Providing and fixing Fly rail sliding arrangement/ chenal complete with necessary screws etc including carriage of materials in all leads and lifts.	3.00 Pair			Per pair	
13	Providing and fixing bright finished hydraulic door closer of superior class (confirming to bureau of Indian Standards) Godrej make with screws etc. complete including carriage of materials in all leads and lifts.	2.00 No.			Each	
14	Providing and fixing brass door stopper with small hinges fitting complete including carriage of materials within all leads and lifts	4.00 No.			Each	
15	Applying one or more coat of paint based putty made of whitening and POP etc. mixed in required quantity of white enamel paint for application of wood based products 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 in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	146.36 Sqm			Per square metre	

			Per square metre.
16	Polishing two or more coats with malamine polish of required shade on polish based wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts.	146.36 Sqm	
17	Providing and fixing 350mm X 655mm X 760mm size Single piece water closet with US soft close slim seat cover, fixing accessories set and cistern fitting and S-trap 220mm size, with fitting complete etc. including carriage of materials within all leads and lifts:- Jaquar cat No LYS- WHT-38951S220UJFSM.	1.00 No	Each
18	Providing and fixing Venity with wash basin of size 600mm X 900mm complete including carriage of materials within all leads and lifts.	1.00 No.	Each
19	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS C-204	6.00 No.	Each
20	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:-ESS ESS C-202B.	1.00 No.	Each
21	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232C.	1.00 No	Each
22	Providing and fixing 600mm X 20mm C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- ESS ESS AC-101.	1.00 No	Each
23	Providing and fixing 15mm dia two hole basin mixer including connection fitting complete in all respect complete including carriage of materials within all leads and lifts.	1.00 No.	Each
24	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	6.00 No.	Each
25	Providing and fixing 32mm dia PVC waste for wash basin or sink including carriage of materials within all leads and lifts	1.00 No.	Each
26	Providing and fixing looking mirror of size 600mm X 450mm with plastic frame (superior quality) including backing support and framing with screws etc. at site as directed by the Engineer-in-Charge complete including carriage of materials within all leads and lifts.	1.00 No.	Each
27	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	2.00 No.	Each
28	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or manhole trap including carriage of materials within all leads and lifts.	29.00 No.	Each
29	Providing and fixing C.P. brass toilet paper holder or ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No AC-506B	1.00 No.	Each
<b>Conditions:-</b>			<b>TOTAL</b>

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 conform to bureau of Indian standards.

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

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

5

SCHEDULE OF QUANTITY

Estimated cost:-  
2250.00  
Time :-  
One Month

Name of work:- Special repair to Directorate of Higher education at Glen Hogan Shimla-3 (SH:- Providing & fixing tiles, shutters, painting & distempering including sanitary fittings etc in  
blocks of block-A adjacent to District Attorney room)

Sl. No.	Description	Qty.	Rate		Unit.	Amount
			In Figures.	In Words		
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (wooden/concrete joists to be measured and paid for separately). For thickness of tiles upto 25mm including carriage of materials in all leads and lifts.	31.88 Sqm.			Per square metre.	
2	Demolition above G.L upto floor two level including disposal of unserviceable materials within 20 meters lead un-reinforced cement concrete upto 15cm thickness.	0.30 Cum			Per cubic meter	
3	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in suspended Floor roofs, landing and shelves and their support balconies,beams,girders,bressumers and cantilever upto al floor level including carriage of materials within all leads and lifts.	0.42 Cum			Per Cubic metre	
4	Preparing the surface to receive waterproofing treatment by removal of previous waterproofing treatment and making surface ready to receive waterproofing treatment, cleaning the surface with wire brushes to clean, smoothing & dry surface, free of any loose particales/reinforcement bars/debris etc. Grooving and cleaning all the existing cracks and repairing them with polymer modified mortar. washing if required ( to be decided by our site incharge) before applying waterproofing coat. Providing and applying two coat of Brawnflex supertop over single carriage of materials at site as directed by the Engineer-in-Charge allowing drying gap between successive coats.	44.48 Sqm.			Per square metre	
5	White glazed tiles 6mm thick of approved size, shade, design and quality in skirting risers of steps and dado 12mm (Twelve milimetre) thick cement mortar 1:3(One cement is to Three Sand) and jointed with cement slurry including carriage of materials within all leads and lifts.	25.88 Sqm.			Per Square metre	
6	Providing and laying ceremic tiles 5.5mm.thick in flooring (300 x300mm. size) treads of steps laid on a bed of 12mm. thick cement mortar 1:3(1cement:3 sand) finished with flush pointing in white cement including carriage of materials within all leads and lifts.	6.00 Sqm.			Per square metre	
7	Repairs to plaster in batches of 2.50 Square meter and under and 10mm to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground in cement Mortar 1:6 (1 cement:6 sand) including carriage of materials within all leads and lifts.	12.60 Sqm			Per square meter	
8	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	0.50 Sqm			Per square meter	
9	Providing and fixing 100x10mm size aluminium tower bolts (barrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts.	2.00 Nos			Each	
10	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials within all leads and lifts.100 mm size.	1.00 No.			Each.	
11	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts as per direction of Engineer-in-charge :Plain Glass 4mm thick.	0.25 Sqm.			Per square meter	
12	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.	12.60 Sqm.			Per square metre.	
13	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth Priming coat with distemper primer including carriage of materials within all leads and lifts.				Per square meter	

14	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting with ready mixed paint brushing wood primer pink. The rate is inclusive for carriage of materials within all leads, lifts and other incidents.	0.80 Sqm.		Per square metre.
15	Painting two coats(excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter sand papering & stoping With white enamel paint including carriage of materials within all leads and lifts.	0.80 Sqm.		Per square metre.
16	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of material in all leads and lifts.-With enamel paint other then white.	7.35 Sqm.		Per square metre.
17	Extra for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of material in all leads and lifts.-With enamel paint other then white.	6.00 Sqm.		Per square meter.
18	Painting one or more coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials within all leads and lifts. With Enamel paint.	4.00 NOS.		Each
19	Providing and fixing PVC Finotex type "A" floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:-110mm X 90mm	10.00 Rmt		Per running meter
20	Providing and fixing 110mm dia pipes on wall face PVC Finotex type "A" pipes including filling the joints with approved adhesive and including require No. of coller and clamps etc complete including carriage of materials within all leads and lifts.	4.00 Nos.		Each
21	Providing and fixing PVC Finotex type "A" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. 110mm nominal size.	2.00 Nos		Each
22	Providing and fixing PVC Finotex type "A" 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. 110mm nominal size.	2.00 Nos		Each
23	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm nominal size.	4.00 Nos		Each
24	Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	5.00 Rmt.		Per running metre
25	Providing and fixing to wall ceiling floor galvanised mild steel tubes (Medium grade), tube fittings (Earth work in trenches to be measured and paid for separately) including carriage of materials within all leads and lifts:-15mm nominal bore.	4.00 Nos.		Each
26	Providing and fixing G.I. or M.I. Union where not included in the item including carriage of materials within all leads and lifts:- 15 mm nominal size.	2.00 Nos		Each
27	Providing and fixing vitreous China wash down water closet (Anglo Indian type W.C. pan) with intergal P or S trap including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including seat and cover & including carriage of materials within all leads and lifts :-Anglo Indian floor mounting EWCs Universal Closet make cat No. S1050106 S trap.	2.00 Nos.		Each
28	Providing and fixing plastic seat (Solid/Hollow type) and cover Hindware or equivalent for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :-Solid Type :- White plastic seat and cover Ceranglo make cat No. B 1510103.	2.00 Nos.		Each
29	Providing and fixing 10.00 liter capacity PVC low level flushing cistern CONGO of size 42 X 39 X 14cm or equivalent with a pair of brackets with fittings such as lead valve, siphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm dia C. P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all leads and lifts. Cera make cat. No. B 101019.	2.00 Nos.		Each
30	Providing and fixing wall hung wash basin without pedestal with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts :-Flat back 515x410 mm Cera make Cat. No. S2040121.	2.00 Nos.		Each
31	Providing and fixing C.P. brass waste coupling for wash basin or sink including carriage of materials within all leads and lifts :-32 mm dia.Cera make Cat No. F8050101.	2.00 NOS		Each

32	Providing & fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.00 Nos		Each
33	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials within all leads and lifts -15mm dia.	4.00 Nos		Each
34	Providing and fixing 15mm dia brass bib tap (Superior or heavy type) including carriage of materials within all leads and lifts:-	2.00 Nos		Each
35	Providing and fixing CP brass pillar tap with capstan head including carriage of materials within all leads and lifts -15mm dia.	2.00 Nos		Each
36	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts - 15mm nominal bore.	4.00 Nos		Each
37	Providing and fixing towel ring fitting complete including carriage of materials within all leads and lifts. <b>ESS-ESS Catalogue No. Series-1 Croma AC-102.</b>	2.00 Nos.		Each
38	Providing and fixing soap dish with brackets fixed to wooden plug with C.P. brass screws fitting complete including carriage of materials within all leads and lifts. <b>ESS-ESS Catalogue No. Series-4 Victorian AC-403.</b>	2.00 Nos.		Each
39	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	2.00 Nos		Each
<b>CONDITION:-</b>				
<p>(i) Rates should be quoted for all heights including all leads and lifts for internal and external works.</p> <p>(ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer- in-charge before use.</p> <p>(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.</p>				
<b>Total:-</b>				



Executive Engineer  
Shimla Division NO. II  
H.P.P.W.D. Shimla-174003

**SCHEDULE OF QUANTITY**

Name of work:- Special repair to 1st. floor of set No. 2 at Yates Place near Raj Bhawan Shimla-2 (SH: - Providing & fixing wood work, shuttering ply & PVC flooring etc)

Estimated Cost Rs. :- 254863.00  
Earnest Money Rs. :- 5100.00  
Time : One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing wood work in frames of false ceiling partitions etc. sawn and put up in position complete including carriage of materials within all leads and lifts in second class deodar wood.	1.149 Cum			Per cubic meter	
2	Providing and fixing 12mm thick water proof shuttering ply board of standard quality ISI mark and approved shade and colour in paneling and wall lining /ic mitring at junctions, butt jointing and nails complete (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	135.68 Sqm			Per square meter	
3	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.	135.68 Sqm			Per square meter	
<b>CONDITION:-</b>						
i) Rates should be quoted for all heights including all leads and lifts for internal and external works. ii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
<b>Total:-</b>						

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

Executive Engineer  
 Shimla Division NO. II  
 HP.PWD.Shimla-17003

**SCHEDULE OF QUANTITY**

Estimated cost:- 122863.00  
Earnest Money:- 2460.00  
Time :- One Month.

**A/R and M/O to Various residential buildings under Division No. III Shimla. ( SH:- Outside Painting and Distempering to block.1 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	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work on steel work.	304.09 Sqm			Per square metre	
2	Removing dry or oil bound distemper / Enamel paint/ 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	465.94 Sqm			Per square metre	
3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work on wood work.	710.68 Sqm			Per square metre	
4	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	363.34 Sqm			Per square metre	
5	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalised on undecorated wall surfaces to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials within all leads and lifts. (Two coats)	454.17 Sqm.			Per square metre	
6	Providing double scaffolding of bamboo/sal/bamboo/pipes for repair of gutter and painting the exterior wall complete as per the direction of the Engineer-in-charge including the cost of material and height to suit the work of execution complete and removal of the same after completion of work including carriage of materials within all leads and lifts	161.10 Sqm			Per square metre	
					<b>Total</b>	

**CONDITION**

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

Opened by me  
Executive Engineer  
Shimla Division NO. III  
HP.PWD.Shimla-171003

.....Cutting  
.....O. W.  
.....Condition  
.....Repack

E.E. III

**SCHEDULE OF QUANTITY**

Estimated Cost Rs. :- 145081.00  
 Earnest Money Rs. :- 2910.00  
 Time:- One Month

**Name of work:- Special Repair to Dental College at IGMC Shimla. (S.H. - Providing and fixing sanitary fitting in Toilets in all floors.)**

Sl. No.	Items of work	Quantity			Rate	Unit.	Amount.
		In figures	In words				
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) complete including carriage of materials within all leads and lifts.	0.57 Cum			Per cubic metre		
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:- For thickness of tiles 10mm to 25mm complete including carriage of materials within all leads and lifts.	4.19 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 20 mm nominal size) complete including carriage of materials within all leads and lifts.	0.57 Cum			Per cubic metre		
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black, of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts.	24.45 Sqm			Per square metre		
5	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid complete including carriage of materials within all leads and lifts.	3.00 No.			Each		
6	Providing and fixing water closet squatting pan (indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C.	1.00 No.			Each		
7	Providing and fixing white vitreous china flat back half stall urinal of size 580mm x 380mm x 350mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required Single half stall urinal with 5 litre P.V.C. automatic flushing cistern complete including carriage of materials within all leads and lifts.	4.00 No.			Each		

8	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 550mm x 400mm with a pair of 15 mm C.P. brass pillar taps.	2.00 No.	Each
9	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge	3.00 No.	Each
10	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete 10 litre capacity including carriage of materials within all leads and lifts. - White	7.00 No.	Each
11	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials within all leads and lifts. - Semi rigid pipe 32 mm dia	8.00 No.	Each
12	Providing and fixing 110mm stainless steel grating for trap complete including carriage of materials within all leads and lifts.	7.00 No.	Each
13	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts.	5.00 No.	Each
14	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15mm dia nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	15.10 Rmt.	Per running metre
15	Providing and fixing brass bib cock of approved quality: 15mm nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	6.00 No.	Each
16	Providing and fixing brass stop cock of approved quality: 15mm nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	4.00 No.	Each
17	Providing and fixing 30 cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	8.00 No.	Each
18	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge. (New work) :- 15mm nominal bore	6.00 No.	Each
19	Providing and fixing 20mm nominal bore gun metal gate valve with C.I. wheel of approved quality (screwed end) complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	6.00 No.	Each
20	Providing and fixing 15mm nominal bore C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	2.00 No.	Each
21	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge complete including carriage of materials upto all leads and lifts	3.00 No.	Each
22	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	6.00 No.	Each

23	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 20 mm 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 common burnt clay F.P.S. (non modular) bricks of class designation 7.50 including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	3.00 No.	Each
24	Providing and fixing 300mm long grab bar for toilet "AKP35701P" including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	10.00 No.	Each

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

**Conditions:-**

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

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

Each

Total

**SCHEDULE OF QUANTITY**

Estimated Cost Rs.:- 324133.00  
Earnest Money Rs.:- 6490.00  
Time:- One Month.

**Item of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH: - Providing and fixing Wooden Paneling, Flooring and Toilet fitting in Room No. A-9 etc.)**

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 12mm thick commercial ply wood lining etc. with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	139.68 Sqm			Per square metre.	
2	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	90.30 Sqm			Per square metre.	
3	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32. 7mm thick placed over cushion of 2mm thick expended polythene foam plus 100 Microne thick polythene sheet under lay No 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	49.38 Sqm			Per square metre.	
4	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	3.84 Sqm			Per square metre.	
5	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	1.28 Sqm			Per square metre.	
6	Providing and laying granite stone in flooring 25mm (average) thickness base of cement mortar 1:3 (1cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts in 25mm thick.	0.90 Sqm			Per square metre.	
7	Extra for making moulded nosing in granite stone including returned moulded ends and angles to mouldings complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.50 Rmt.			Per running metre.	
8	Providing and fixing hard wood corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	44.70 Rmt.			Per running metre.	
9	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	99.25 Sqm			Per square metre.	

			Per square metre.
10	Distempering (two coats) with oil bound washable distemper of approved brand and manufacturer and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials within all leads and lifts.	118.21 Sqm	
11	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	4.00 No.	Each
12	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	6.00 No.	Each
13	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	2.00 No.	Each
14	Providing and fixing Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of India standred) in single length with out any joint complete with finnal for curtains for sides of rod etc. including carriage of material within all leads and lifts:- fency Type curtain Rod.	19.20 Rmt.	Per Running metre.
15	Providing and fixing Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	10.00 No.	Per Running metre.
16	Providing and fixing viterous China wash down water closet (European type W.C. pan) with intergal P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts :- Complete set of solo single piece Cat No. CMS-WHT-10385152205PP.	1.00 No.	Each
17	Providing and fixing 550mm X 400mm Flat back viterous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware cat No. 10040 complete set with pedestal Cat No. 11003 (star white) including carriage of materials within all leads and lifts.	1.00 No.	Each
18	Providing and fixing 15mm dia C.P. brass pillar tap with capstan head including carriage of materials within all leads and lifts:- ESS ESS Cat No. C-201.	1.00 No.	Each
19	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS C-204.	10.00 No.	Each
20	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:-ESS ESS C-202B.	1.00 No.	Each
21	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No.	Each
22	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.	Each

23	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	6.00 No.	Each
24	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-506B.	1.00 No.	Each
25	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. C-232C.	1.00 No	Each
26	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series Cat No. AC-607.	2.00 No.	Each
27	Providing and fixing 200ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	1.00 No.	Each
28	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	3.00 No.	Each
<b>Conditions:-</b>			<b>Total</b>
<i>i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.</i>			
<i>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 conform to bureau of Indian standards</i>			

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

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

**SCHEDULE OF QUANTITY**

**(10)**

Estimated Cost Rs. :- 142034.00  
Earnest Money Rs. :- 2850.00

Time : One Month.

**Name of work:- Special Repair to block-1, type-II of set No. 1 at Raj Bhawan Shimla-2. (SH:-Providing and fixing cupboards ceiling, tiles, painting and distempering including sanitary fittings etc)**

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolition above G.L. up to floor all level including disposal of unserviceable materials un-reinforced cement concrete more than 15cm thickness including carriage of materials within all leads and lifts.	0.17 Cum			Per Cubic meter	
2	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20meters lead (wooden/concrete joists to be measured and paid for separately) For thickness of tiles upto 25mm including carriage of materials within all leads and lifts.	17.37 Sqm			Per Square meter	
3	Dubbing out an old irregular walls average 10mm thick with Cement mortar 1:6 (1 Cement : 6 Sand) complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	33.35 Sqm			Per square meter	
4	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 including carriage of materials in all leads and lifts within all leads and plinth.	0.17 Cum			Per cubic meter	
5	Providing and fixing 6mm thick commercial ply wood ceiling/wall 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.	13.62 Sqm			Per square meter	
6	Providing and fixing 19mm thick Commercial board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials within all leads and lifts.	14.59 Sqm			Per square meter	
7	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials within all leads and lifts.	33.95 Sqm			Per square meter	
8	Providing and fixing 9mm thick insulation board lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	1.20 Sqm.			Per square meter	
9	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sunmica) on boards/ ply wood sheets with approved adhesive and nails etc. complete including carriage of materials within all leads and lifts.	24.66 Sqm			Per square meter	
10	Providing and fixing plain square edged cover fillets (beading) 19mm X 6mm section including mitting at junction with wooden screws /nails etc. complete in 2nd class deodar wood including carriage of materials within all leads and lifts.	135.29 Rmt			Per running meter	
11	Providing and fixing sliding channels with roller of required size of standard quality with necessary screws / nails etc complete including carriage of materials within all leads and lifts.	4.80 Rmt			Per running meter	
12	Providing and fixing bright finished brass furniture handles complete including carriage of materials within all leads and lifts.	37.00 Nos.			Each	
13	Providing and fixing magnetic catcher with necessary screws etc. complete in all respect including carriage of materials within all leads and lifts.	19.00 Nos.			Each	
14	Providing and fixing bright finished brass heaps and staples (safety type) with necessary screws etc complete including carriage of materials within all leads and lifts. 115mm.	16.00 Nos.			Each	
15	Providing and laying ceramic tiles 5.50mm thick in flooring (300 x300mm size) treads of steps laid on a bed of 12mm thick cement mortar 1:3 (cement: 3 sand) finished with flush pointing in white cement including carriage of materials within all leads and lifts.	3.31 Sqm			Per square meter	

				Per square meter
16	Providing and laying Duro stone vitrified tiles (450x600mmx8mm) in grey/ coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete.	33.35 Sqm		
17	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials within all leads and lifts	63.62 Sqm		Per square meter
18	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 in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	133.10 Sqm		Per square meter
19	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter) sand papering and knotting. Ready mixed paint brushing wood primer pink	71.48 Sqm.		Per square meter
20	Painting two coat (excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering and stopping including carriage of materials within all leads and lifts :-With white enamel paint.	71.48 Sqm.		Per square meter
21	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping complete including carriage of materials within all leads and lifts in With white enamel paint.	87.84 Sqm.		Per square meter
22	Extra for every subsequent coat of paint including carriage of materials within all leads and lifts in With white enamel paint.	35.14 Sqm.		Per square meter
23	Distempering (one coat) with oil bound washable distemper of approved brand and manufacture and of required shade on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials within all leads and lifts	127.23 Sqm		Per square meter
24	Extra for every sub sequent coat of distempering with oil bound washable distemper of approved brand and manufacture including carriage of materials within all leads and lifts.	63.62 Sqm		Per square meter
25	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C pan) size 580mm (Earth work, bed concrete, foot rest and trap to be measured and paid for separately) including carriage of materials within all leads and lifts :-Orissa Pattern.	1.00 No		Each
26	Providing and fixing 600 mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No		Each
27	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts.	3.00 Nos.		Each
29	Providing and fixing 15mm dia C.P. stop cocks including carriage of materials within all leads and lifts.	2.00 Nos.		Each
29	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	2.00 Nos.		Each
30	Providing and fixing 110mm X 75mm size PVC Finotex type "A" floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts.	4.00 Nos.		Each
31	Providing and fixing PVC Finotex 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm nominal size.	1.00 No		Each

Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.

4.00 Nos.

0.94 Cum

Per Cubic metre

Each

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

#### CONDITION:-

- 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.

Total:-

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

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

E.E. III

**SCHEDULE OF QUANTITY**

Estimated Cost Rs. :- 377892.00  
Earnest Money Rs. :- 7560.00  
Time:- One Month.

Item of work: - Special repair to Armsdale building at H.P. Secretariat Chotta Shimla. (SH:-Balance work of Steel platefarm for transformer in back side of Armsdale building.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	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.	4088.52 Kgs			Per Kilogramm	
2	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	152.69 Sqm			Per square metre	
<b>Conditions:-</b>						<b>Total</b>

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 conform to Bureau of Indian standards.

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

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



SCHEDULE OF QUANTITY

(13)

Estimated Cost Rs. :- 450998.00  
Earnest Money Rs. :- 9020.00  
Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH: - Providing and fixing Wooden Paneling, Flooring, Painting and renovation of Toilet in Room No. A-101 etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 12mm thick commercial ply wood lining etc. with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	185.35 Sqm			Per square metre.	
2	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	151.55 Sqm			Per square metre.	
3	Providing and fixing hard wood corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	75.20 Rmt.			Per running metre.	
4	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	151.55 Sqm			Per square metre.	
5	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	6.00 No.			Each	
6	Providing fixing 200mm X 10mm bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials within all leads and lifts.	3.00 No.			Each	
7	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32. 7mm thick placed over cushion of 2mm thick expanded polythene foam plus 100 Microne thick polythene sheet under lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	55.24 Sqm			Per square metre.	
8	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all lead (wooden/ concrete joists to be measured and paid for separately) for thickness of tiles upto 25mm including carriage of materials within all leads and lifts.	15.12 Sqm			Per square metre.	
9	Providing and laying Duro stone vitrified tiles (300mmx450mmx8mm) in grey/ coloured or of approved shade in grey/coloured or required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete. complete including carriage of materials within all leads and lifts.	12.24 Sqm			Per square metre.	
10	Providing and laying Duro stone vitrified tiles (300mmx300mmx10mm) of approved shade, size and quality in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts.	3.90 Sqm			Per square metre.	
11	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floor complete including carriage of materials within all leads and lifts.	6.80 Rmt			Per running metre.	
12	Providing and fixing 110mm nominal size high pressure PVC (fintex) 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.	3.10 Rmt			Per running metre.	

13	Providing and fixing 600mm X 900mm Flat back vitreous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware wash Basin with Vanity complete (star white) including carriage of materials within all leads and lifts.	1.00 No.	Each
14	Providing and fixing vitreous China wash down water closet (European type W.C. pan) with integral P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 : 1 sand) including carriage of materials within all leads and lifts :- Complete set of solo single piece Cat No CMS-WHT-10385152205PP	1.00 No.	Each
15	Providing and fixing 15mm dia single lever basin mixer with out popup waste with 450mm long braided hoses including connection fitting in all respect complete including carriage of materials within all leads and lifts:- Jaquar cat No ORP-CHR-10011BPM	1.00 No.	Each
16	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS C-204	10.00 No.	Each
17	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:-ESS ESS C-202B.	2.00 No.	Each
18	Providing and fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.	Each
19	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	10.00 No.	Each
20	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	2.00 No	Each
21	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232C	1.00 No	Each
22	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No AC-506B	1.00 No.	Each
23	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	2.00 No.	Each
24	Providing and fixing 200ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	1.00 No.	Each
25	Providing and fixing 600mm X 20mm C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- ESS ESS AC-101.	1.00 No	Each
26	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	3.00 No.	Each
<b>Conditions:-</b>			<b>Total</b>

*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 conform to bureau of Indian standards.*

Approved by the  
Cutting

O. W.

Condition  
Repack

E.E. III

**SCHEDULE OF QUANTITY**

14

**Name of work:- Special Repair to Yojna Bhawan Building at HP Secretariat Chotta Shimla.(SH:- Providing and fixing UPVC windows in Room no. Y501 and Y503 etc.)**

Estimated Cost Rs. :- 498326.00  
Earnest Money Rs. :- 9970.00  
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing UPVC casement windows profile specifications :-outer frame-12601 (70mm x 64mm), Sash-12617 (70mm x 70mm) Z Mullion- 3086 (70mm X 50mm), Coupling-12358 (70mm) including shutters with chamber thickness 2.60mm and wire gauge shutter with GI frame thickness 1.20 to 2.00mm and 6mm +12mm + 6mm DGU toughened glass gap filled with argon gas fixed with thermoplastic elastomer (TPE) gasket including Zinc alloy casement handle, Friction Stay/2D hinges/Butt hinges, espag multipoint locking system, locking strikers complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	28.84 Sqm		Per square metre		
	<b>Conditions:-</b>					<b>TOTAL</b>

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.

Open by me  
.....Cutting  
.....O.W.  
.....Condition  
.....Repaired  
.....

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

E.E. H.F.

**SCHEDULE OF QUANTITY**

15  
 Estimated Cost Rs. :- 271288.00  
 Earnest Money Rs. :- 5450.00  
 Time:- One Month.

**Time of work:- Special repair to Raj Bhawan residential quarter Block-I, Type-II quarter and Guard Room at old Raj Bhawan Petterhol Choura Maidan Shimla.  
 H: -Providing and laying Sewerage pipe line and Construction of Manhole 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 1:3:6 or richer mix (i/c equivalent design mix).	0.99 Cum			Per cubic metre	
2	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering, etc and disposing of surplus excavated soil as directed, including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	104.00 Rmt.			Per running mette.	
(i)	Extra for excavating trenches for pipes, cables etc in all kinds of soil for depth exceeding 1.5m, but not exceeding 3m. (Rate is over corresponding basic item for depth upto 1.5metre) including carriage of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	17.00 Rmt.			Per running metre.	
3	Stone soiling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials morum or earth etc. complete as per HP PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	0.74 Cum			Per Cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 cement : 3 coarse sand) 6graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	3.40 Cum.			Per cubic metre	
5	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.	0.37 Cum.			Per cubic metre	
6	Providing and fixing pipes in trenches PVC (Finolex) type "B" 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 size 110mm nominal size.	121.00 Rmt			Per running metre	
(ii)	75mm nominal size.	4.10 Rmt			Per running metre	
(iii)	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) 150mm nominal size	8.21 Rmt			Per running metre Each	
7		3.00 No.				

(ii)	110mm nominal size.	2.00 No.		Each
(iii)	75mm nominal size.	3.00 No.		Each
8	Providing and fixing PVC double equal branch with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked 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
(i)	75mm nominal size.	1.00 No.		Each
9	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.	10.00 No.		Each
(ii)	110mm nominal size.	6.00 No.		Each
(iii)	75mm nominal size.	7.00 No.		Each
10	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) 150mm nominal size.	10.00 No.		Each
(ii)	110mm nominal size.	2.00 No.		Each
(iii)	75mm nominal size.	4.00 No.		Each
11	Providing and fixing PVC offset 45degree ISI marked including fixing with approved adhesive etc. 150mm dia complete including carriage of materials within all leads and lifts.	16.00 No.		Each
12	Providing and fixing PVC gully trap ISI marked including fixing with approved adhesive etc complete including carriage of materials within all leads and lifts.	3.00 No.		Each
13	Constructing brick masonry manhole in cement mortar 1.4 ( 1 cement : 4 coarse sand R.C.C. top slab with 1:1.5:3 mix (1 cement : 15 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 40mm nominal size), inside plastering 12 mm 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- (i) Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete including carriage of materials within all leads and lifts.	5.00 No.		Each
(ii)	Extra for depth for manholes Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete including carriage of materials within all leads and lifts.	2.70 Rmt.	Per running metre	
(iii)	Inside size 120x90cm 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 116kg (weight of cover 58 kg and weight of frame 58 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete including carriage of materials within all leads and lifts.	1.00 No.	Each	

			Per running metre
14	Extra for depth for manholes Size 120x90cm cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete including carriage of materials within all leads and lifts.	1.80 Rmt.	Each
15	Constructing brick masonry road gully chamber 50cm x45cm x60cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per stand design Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2.4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete	3.00 No.	Each
16	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials within all lead as per direction of Engineer- charge:- Rectangular manhole 90x80 cm and 45 cm deep.	5.00 No.	Each
<b>Conditions:-</b>			
i Rates should be quoted for all heights including all leads and lifts for internal and external works.			
ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards			
			<b>Total</b>

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

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

SCHEDULE OF QUANTITY

16

Estimated cost:- 311188.00  
Earnest Money:- 6220.00

Time :- One Month.

Name of work:- S/R to various Residences under Division No.III Shimla.(SH)- Providing and fixing 19 mm board, 12mm thk ply board, 4mm thk teak ply. Panelling work with 1st class deodar wood ,Repair of granite stone, Repair of PVC flooring and other Miscellaneous repair work in residence under sub division no. II at Benmore Shimla.(H.P)

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
2		0.93	Cum.		Per Cubic meter	
1	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position. 1st class Deodar wood.	9.42	Sq.m.		Per square metre.	
2	Providing and fixing 19mm thick Commercial Board shutters for up boards l/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	36.37	Sq.m.		Per square metre.	
3	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts.	13.87	Sq.m.		Per square metre.	
4	Providing and fixing insulation board lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately). 12mm thick.	28.57	Sq.m.		Per square metre.	
5	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately). Teak Ply. 4mm thk.	6.66	Sq.m.		Per square metre.	
6	Providing and fixing 1.0 mm thick coloured or plain lamination sheet (suminica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials within all leads and lifts.	20.08	Rmt.		Per running metre.	
7	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete. 2nd class teak wood. 50x12 mm	131.92	Rmt.		Per running metre.	
8	Providing and fixing teak wood lipping of size 25x3 mm in door and windows frame with iron screws. including carriage of materials within all leads and lifts	75.04	Rmt.		Per running metre.	
9	Providing and fixing teak wood lipping of size 19x3 mm in complete. including carriage of materials within all leads and lifts.	21.10	Rmt.		Per running metre.	
10	Providing and fixing hard wood lipping of size 19x3 mm in complete. including carriage of materials within all leads and lifts.					

12	Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete. 125mm.	2.00	No	Each
13	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete	1.00	No	Each
14	Providing and fixing bright finished brass handles with screws etc. complete. 125mm. including carriage of materials within all leads and lifts. 100mm	2.00	No	Each
(ii)		13.00	No	Each
15	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete. 150x10 mm. including carriage of materials within all leads and lifts.	11.00	No	Each
16	Providing and fixing magnetic catcher with screws etc. complete. including carriage of materials within all leads and lifts.	4.00	No	Each
17	Providing and fixing bright finished brass hasps and staples (safety type) with necessary screws etc. complete. including carriage of materials within all leads and lifts. 115mm.	9.00	No	Each
18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade. with necessary screws etc. complete. 100mm: including carriage of materials within all leads and lifts.	4.00	No	Each
19	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete including carriage of materials within all leads and lifts.	2.00	No	Each
20	Providing and fixing 5.5 mm thick eaching glass of superior quality in partition wall/ door shutters. Including carriage of material within all leads and lifts	8.89	Sq.m.	Per square metre.
21	Providing and fixing C.P brass grating: including carriage of material within all leads and lifts	9.00	No	Each
22	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 20 mm (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 as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent	0.93	Sq.m.	Per square metre.
23	Providing round/half round moulding/nosing over edge of marble/granite work or kota stone etc. duly polished in mirror finish as per the direction of Engineer-in-Charge. complete including carriage of materials within all leads and lifts.	3.24	Rmt	Per running meter
24	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	44.28	Sqm	Per square metre.

					Per square metre.
15	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 materials within all leads and lifts.	44.28	Sqm.		Per square metre.
16	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.75 ltr/10 sqm of approved brand and 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture, complete, including carriage of materials within all leads and lifts.	44.28	Sqm.		Per square metre.
17	French spirit polishing Two or more coats on new works including a coat of wood filler, complete including carriage of materials within all leads and lifts.	49.76	Sqm.		Per square metre.
18	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface, including carriage of materials within all leads and lifts.	63.68	Sqm.		Per square metre.
19	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, complete including carriage of materials within all leads and lifts. 1.5 mm thick	18.05	Sqm.		Per square metre.
20	Providing & Fixing 8mm thick plain glass/table glass with moulded edges, complete, including carriage of materials within all leads and lifts.	3.91	Sqm.		Per square metre.
21	Providing an fixig at site office table of size 1.85x0.65x0.75 metre with 19mm thick cummerial double board finished with 1.0 mm thick sunmica & key board with sunmica and channel etc. with three drawer right side one drawer & shutter on left side with channel along with Ess-Ess handle and melamine polish in beading etc. with 15 cm wide 25mm thick deodar wood on the table including carriage of materials within all leads and lifts.	1.00	No		Each
22	Providing ant fixig at site office table of size 1.37x0.65x0.75 metre with 19mm thick commercial double board, finished with 1.0 mm thick sunmica & key board with sunmica and channel etc. with three drawer right side one drawer & shutter on left side with channel along with Ess-Ess handle and melamine polish in beading etc. with 15 cm wide 25mm thick deodar wood on the table complete including carriage of materials within all leads and lifts.	1.00	No		Each
23	Providing ant fixig at site office table of size 1.20 x0.80x0.75 metre with 19mm thick commercial double board finished with 1.0 mm thick sunmica & key board with sunmica and channel etc. with three drawer right side one drawer & shutter on left side with channel along with Ess-Ess handle and melamine polish in beading etc. with 15 cm wide 25mm thick deodar wood on the table complete including carriage of materials within all leads and lifts.	1.00	No		Each
24	Providing ant fixig at site office table of size 1.15 x 0.75x 0.75 metre with 19mm thick commercial double board, finished with 1.0 mm thick sunmica & key board with sunmica and channel etc. with three drawer right side one drawer & shutter on left side with channel along with Ess-Ess handle and melamine polish in beading etc. with 15 cm wide 25mm thick deodar wood on the table complete including carriage of materials within all leads and lifts.	1.00	No		Each
25	Providing and supplying at site office sitting setty of size 1.80 x 0.45 x 0.60 metre back cushion for sofa cum bed of 2" foam of sleepwell 32 density upholstered with leatherette fabric and design of sofa cum bed approved by Engineer-in-charge complete including carriage of materials within all leads and lifts.	1.00	No.		Each
				Total	

**CONDITION**

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

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

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

**SCHEDULE OF QUANTITY**

51

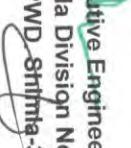
Name of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH:- Providing and fixing Wooden Paneling and Flooring in Room No. A-329 etc.)

Estimated Cost Rs. :- 327898.00  
Earnest Money Rs. :- 65600.00  
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 12mm thick commercial ply wood lining etc. with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	253.64 Sqm			Per square mette.	
2	Providing wood work in frames of false ceiling and partitions etc. sawn and put up in position including carriage of materials in all leads and lifts:- Second class rail chil wood.	0.196 Cum			Per Cubic metre	
3	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	184.87 Sqm			Per square mette.	
4	Providing and fixing hard wood corner of size 40mm x 40mm section l/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	74.80 Rmt.			Per running metre.	
5	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	1.00 No.			Each	
6	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	4.00 No.			Each	
7	Providing and fixing 250mm X 16mm size bright finished brass sliding door-bolts with nuts and screws etc. complete including carriage of materials within all leads and lifts.	1.00 No.			Each	
8	Providing fixing 200mm X 10mm bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
<b>Conditions:-</b>					<b>Total</b>	

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 conform to Bureau of Indian standards

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

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


**SCHEDULE OF QUANTITY**

Estimated Cost Rs. :- 310045.00  
Earnest Money Rs. :- 5210.00  
Time:- One Month.

**Name of work: - Special repair to Armsdale building at H.P. Secretariat Chotta Shimla. (SH:- Providing and fixing wooden partition and flooring in Room No. A-331 etc.)**

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including fixing complete with carriage of material within all leads and lifts as per the direction of the Engineer-in-Charge:-Sal wood.	0.13 Cum			Per cubic metre.	
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	23.49 Sqm			Per square metre.	
3	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	1.89 Sqm			Per square metre.	
4	Providing and fixing 9mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	66.52 Sqm			Per square metre.	
5	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 4mm thick ply-3ply complete including carriage of materials within all leads and lifts.	62.38 Sqm			Per square metre.	
6	Providing and fixing sliding channel c shape with fitting complete with necessary screws etc. including carriage of materials in all leads and lifts.	1.50 Rmt.			Per running metre.	
7	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	8.00 No.			Each	
8	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	4.00 No.			Each	
9	Providing and fixing 40mm x40mm hard wood corner complete including carriage of materials in all lead and lifts.	50.46 Rmt.			Per running metre.	
10	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No.6757.	1.00 No.			Each	
11	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured corbed or mosaic or mattled 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.	53.01 Sqm			Per square metre	
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 complete including carriage of materials within all leads and lifts.	226.70 Sqm			Per square metre	
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work on wood complete including carriage of materials within all leads and lifts.	226.70 Sqm			Per square metre	

			Per square metre.
14	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand paper and smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	66.52 Sqm	
15	Providing and fixing 510X430mm Oval Type Counter Top Viterous China Hind ware or equivalent wash basin with single hole for pillar tap complete including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts:- Jaguar Cat No. AIS-WHT-101801	1.00 No.	Each
16	Providing and fixing vitreous China wash down water closet (European type W.C. pan) with intergal P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts:-	1.00 No.	Each
17	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-Jaguar Cat No. APR-ESS-101053.	8.00 No.	Each
18	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No.	Each
19	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	2.00 No.	Each
20	Providing and fixing 15mm dia C.P. brass bib cock with castan head including carriage of materials within all leads and lifts:- Jaguar Cat No. COS-ESS-103037.	2.00 No.	Each
21	Providing and fixing 32mm dia C.P. waste for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.	Each
22	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-506B.	1.00 No.	Each
23	Providing and fixing 200ml soap dispenser of Ess-Ess Cat No. 1125 with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	1.00 No.	Each
24	Providing and fixing revolving Chair High Back of Godrej ACE mid back with metal base upholstered with approve tepestory complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.00 No.	Each
25	Providing, fixing and placing at site chrome frame side table of size 18" X 18" with glass top 12mm thick complete including carriage of materials in all leads and lifts.	1.00 No.	Each
<b>Conditions:-</b>		<b>Total</b>	

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

Open Cutting

O.W.

Condition

Repack

E.E. III

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

SCHEDULE OF QUANTITY

19  
 Estimated Cost Rs. :- 361753.00  
 Earnest Money Rs. :- 72' 0.00  
 Time:- One Month.

**Name of work:- Restoration of Rain Damages Balquali Building at Chaura Maidan Shimla-4 (SH: - Construction of Retaining and Breast wall alongwith Railing**

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:- Ordinary rock.	22.15 Cum			Per cubic metre	
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, complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Ordinary rock.	6.73 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 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	5.30 Cum			Per cubic metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	28.65 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	55.28 Sqm.			Per Square metre	
6	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	2.570 Cum			Per cubic metre	
7	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.	2.580 Sqm.			Per square 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.	308.40 Kgs			Per kilogramme	

9	Stone filling behind retaining wall Including carriage of material within all leads and lifts as per direction of Engineer-in-charge	7.23 Cum	Per Cubic metre
10	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	7.23 Cum	Per Cubic metre
11	Stone soiling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	3.12 Cum	Per Cubic metre
12	Random rubble masonry / polygonal rubble masonry (uncoursed / brought to courses) with hard stone of approved quality in foundation and plinth in cement mortar 1:6 (1 cement :6 sand) in breast walls and retaining walls including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	3.37 Cum	Per cubic metre
13	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.	406.40 Kgs	Per Kilogramme
14	Disposal of moorum/building rubbish/ matal/ 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.	11.68 Cum	Per cubic metre
<b>Conditions:-</b>		<b>Total</b>	
<p>i Rates should be quoted for all heights including all leads and lifts for internal and external works</p> <p>ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to bureau of Indian standards.</p>			

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

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

**SCHEDULE OF QUANTITY**



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

Time:-  
One Month

**Name of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH: - Balance work of providing and fixing Wooden Paneling, Flooring and Toilet fitting in Room No. A-329 etc.)**

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	11.48 Sqm			Per square metre.	
2	Providing and fixing 19mm thick commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	2.62 Sqm			Per square metre.	
3	Providing and fixing 4.00mm thick teak ply of standard quality ISI mark and approved shade and colour in liming including fixing with nails, screws etc. complete including carriage of material within all leads and lifts as per the direction of Engineer-in-charge.	2.62 Sqm.			Per square metre.	
4	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32. 7mm thick placed over cushion of 2mm thick expanded polethene foam plus 100 Microne thick polethene sheet under lay lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	58.21 Sqm			Per square metre.	
5	Providing and laying granite stone in flooring 25mm (average) thickness base of cement mortar 1:3 (cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts in 25mm thick.	0.67 Sqm			Per square metre.	
6	Extra for making moulded nosing in granite stone including returned moulded ends and angles to mouldings complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.46 Rmt.			Per running metre.	
7	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	4.00 No.			Each	
8	Providing and fixing magnatic catcher including carriage of materials within all leads and lifts.	6.00 No.			Each	
9	Providing and fixing sliding channel for sliding door fitting complete with necessary screws etc. including carriage of materials in all leads and lifts.	1.80 Rmt.			Per running metre.	
10	Providing and fixing Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of India standard) in single length with out any joint complete with finial for curtains for sides of rod etc. including carriage of material within all leads and lifts:- fancy Type curtain Rod.	9.00 Rmt.			Per Running metre.	
11	Providing and fixing Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	12.00 No.			Per Running metre.	

	Applying one or more coat of paint based putty made of whiting and POP etc. mixed in required quantity of white enamel paint for application of wood based products 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 in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	116.07 Sqm	Per square metre
13	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials within all leads and lifts.	116.07 Sqm	Per square metre.
14	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	226.67 Sqm	Per square metre.
15	Providing and fixing viterous China wash down water closet (European type W.C. pan) with intergal P or S trap along with seat cover including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) including carriage of materials within all leads and lifts :- Complete set of solo single piece Cat No. CMS-WHT-10385152205PP.	1.00 No.	Each
16	Providing and fixing 550mm X 400mm Flat back viterous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware cat No. 10040 complete set with pedestal Cat No. 11003 (star white) including carriage of materials within all leads and lifts.	1.00 No.	Each
17	Providing and fixing 15mm dia C.P. brass pillar tap with capstan head including carriage of materials within all leads and lifts:- ESS ESS C-201B	1.00 No.	Each
18	Providing and fixing 15mm dia C.P. brass bib cock with wall flange including carriage of materials within all leads and lifts:- Jaquar cat No. ORP-CHR-10037PM.	1.00 No.	Each
19	Providing and fixing 15mm dia C.P. brass Angle cock including carriage of materials within all leads and lifts:- Kohlar Cat No 80154IN-4-CP.	4.00 No.	Each
20	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232C.	1.00 No.	Each
21	Providing and fixing C.P. brass toilet paper holder of ESS ESS make or equivalent with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-506B.	1.00 No.	Each
22	Providing and fixing 600mm X 20mm C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- ESS ESS AC-101	1.00 No.	Each
23	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	2.00 No.	Each
24	Providing and fixing C.P. soap dish of ESS ESS catalogue No. AC-403 or equivalent including carriage of materials within all leads and lifts.	1.00 No.	Each

25	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts : 15mm nominal bore.	1.00 No.	Each
26	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.	Each
27	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	2.00 No.	Each
28	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or ply wood sheet and fixed to wooden plugs with C.P. screws and washer including carriage of materials within all leads and lifts.	1.00 No.	Each
29	Providing and fixing bright finished hydraulic door closer of superior class (confirming to bureau of Indian Standards) Godrej make with screws etc. complete including carriage of materials in all leads and lifts.	1.00 No.	Each
<b>Conditions:-</b>			<b>Total</b>
<i>i</i> Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.			
<i>ii</i> 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 conform to bureau of Indian standards			

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

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