

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

3866

Dated:- 10-5-22

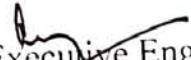
To

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

Subject:- Tender Notice

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

Encl:- as above


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

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

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, HP PWD Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors Firms enlisted in HP PWD, so as to reach in his office on or before 18-05-2022 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors Firms or their authorized representatives. The tender form can be had from against cash payment (non-refundable) on any working day up to 5.00 P.M. on 17-05-2022 and the application for issue of tender form shall be received on the same day i.e. 17-05-2022 up to 12.00 P.M.

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	A/R & M/O various residential buildings under Shimla Division No.III(SH:Cleaning of door windows, sweepings, mopping and cleaning of toilets etc in Nirman Bhawan, Nigam Vihar, Shimla)	405198/-	8110/-	One Month	6&8	350/-
2	A/R & M/O to Cancer Hospital at IGMCI, Shimla(SH:Providing and fixing vitrified tiles, wood work, steel work, painting and distempering in chemotherapy ward, Dr. Room and waiting area out side of OPD in ground floor).	499214/-	9990/-	One Month	6&8	350/-
3	A/R & M/O various residential buildings under Shimla Division No.III(SH:Inside painting, distempering in block No.2, type-III of set No. 5 to 8 at Raj Bhawan,Shimla).	51018/-	1030/-	One Month	6&8	350/-
4	Special repair to UG/PG Nursing Hostel Block-B at IGMCI Shimla(SH:providing and fixing granit in Lift and sanitary fittings in toilet at IGMCI, Shimla).	245788/-	4920/-	One Month	6&8	350/-
5	A/R & M/O to HP Public service commission office at Nigam Vihar, Shimla(SH:Dismantling and relaying of interlocking tiles 60 mm thick in parking of HP Public Service Commission office).	428854/-	8580/-	One Month	6&8	350/-
6	Special repair to Bhaha Hostel building at Holly Oak Sanjauli, Shimla(SH:Providing and laying chequered tiles flooring, repair to Drain and disposal of Malha etc).	338121/-	6770/-	One Month	6&8	350/-
7	Special repair to Raman Hostel building at Holly Oak Sanjauli, Shimla(SH:Providing and laying chequered tiles flooring, repair to Drain etc).	392731/-	7860/-	One Month	6&8	350/-
8	Special repair to Medical College at IGMCI Shimla (SH: Dismantling work, providing and fixing cupboard, ceiling, tiles work, PVC flooring, rain water pipes, painting and distempering etc for Anatomy department).	489495/-	9790/-	One Month	6&8	350/-
9	S/R to various residential buildings under Shimla Division No.III(SH:Construction of glass house in Block-B at Richmond Shimla).	343474/-	6870/-	One Month	6&8	350/-
10	Construction of crette Day care centre (30 Children) at Parking floor, Nirman Bhawan, Nigam Vihar, Distt Shimla-HP(SH:C O building portion with W.S. & S.I. complete).	496986/-	9940/-	One Month	6&8	350/-
11	Special repair to Armsdale building at HP Secretariat Shimla(SH: Providing and fixing curtains in room No. A-331,A-332 and re-stuffing of office chairs in CM office etc).	147400/-	2950/-	One Month	6&8	350/-
12	Special repair to residential accommodation under CMO at DDU hospital Shimla (SH: Providing and fixing gwyter, ceiling in block-B etc) at Lalpam Shimla.	210589/-	4250/-	One Month	6&8	350/-
13	Special repair to Yojna Bhawan building at HP Secretariat Chotta Shimla(SH: Providing and fixing curtains in room No. Y-501 and Y-503).	157600/-	3160/-	One Month	6&8	350/-
14	Special repair to RKMV college at Long Wood Shimla (SH: Renovation of toilet in science block with wter proofing treatment etc).	292411/-	5850/-	One Month	6&8	350/-
15	Special repair to main building at HP Secretariat Shimla(SH:Painting and polishing in 1 st and basement floor area of Ellerslie main building).	106104/-	2130/-	One Month	6&8	350/-
16	Special repair to RKMV college at Long Wood Shimla (SH:Providing jand laying CC 1:5:10 for renovation of toilet in science block).	292400/-	5850/-	One Month	6&8	350/-
17	Special repair to various residential building under Shimla Division No.III(SH:covering of water tank platform with steel frame & welded mesh in dispensary block, transit accommodation, block -III., of set No. 1,2,3 & 4 & Block-II set 1 & 2 at Barnes Court Shimla).	375788/-	7520/-	One Month	6&8	350/-
18	Special repair to various residential buildings under Shimla Division No.III(SH:Steel work for covering of water tank pedestal in Block No. 5, Supdt Block and block No.10 set No. 1 to 6 at Barnes Court Shimla).	305027/-	6110/-	One Month	6&8	350/-
19	A/R & M/O to Kamala Nehru Hospital Shimla(SH: Providing renewal coat of 30mm thick bituminous concrete on approach road to KNH Shimla).	151678/-	3040/-	One Month	6&8	350/-
20	Extension and renovation of old Mess at MyBBS & BDS Girls Hostel at Lakkar Bazar Shimla (SH: Providing and laying CC 1:2:4, steel work and Red stone flooring out side of mess dining area).	295379/-	5910/-	One Month	6&8	350/-
21	Special repair to state Museum near Chaura maidan Shimla-4(SH: providing and fixing pine wood ceiling, lining, providing and laying floor tiles, polishing, W.S. & S.I fittings etc).	383177/-	7660/-	One Month	6&8	350/-
22	Special repair to Ellerslie main building at HP Secretariat Shimla-2(SH: Providing and fixing wooden partition with cupboard and side table etc in CS office).	88000/-	1760/-	One Month	6&8	350/-
23	Special repair to State Museum near Chaura Maidan, Shimla-4(SH: Providing and fixing door, windows, wire gauge shutter, cupboard etc in reception room).	458104/-	9160/-	One Month	6&8	350/-
24	Special repair to Ellerslie main building at HP Secretariat Shimla-2 (SH: Construction of retaining wall in back side of recycle room(Old machine room).	472632/-	9460/-	One Month	6&8	350/-

25	A/R & M/O various non residential buildings at Vidhan Sabha Shimla(SH Providing and laying carpet in dining hall & supplying of floages etc. at Vidhan Sabha Shimla).	321152/-	6420/-	One Month	6&8	350/-
26	A/R & M/O to type-III, Block "A" Block "B" and Block "C" residential building at Holly Oak Sanjauli, Shimla(SH: Painting & distempering , renewing glass panes and sanitary installations etc).	152856/-	3060/-	One Month	6&8	350/-
27	A/R & M/O various residential buildings at Vidhan Sabha Shimla(SH: Providing and laying carpet in entrance Lobby in ruling and opposition Longe & proding and fixing rooler blind and green artificial grass footmatt in Library building).	385000/-	6390/-	One Month	6&8	350/-
28	A/R & M/O to Corestophen Estate type-II building at IGMCI Shimla(SH: Painting and distempering in type-II, 7 No. sets at Correstophen Estate Lakkar Bazar, Shimla).	273556/-	5480/-	One Month	6&8	350/-
29	Special repair to Himachal Hospital of Mental Health & Rehabilitation Centre at Boileauganj Shimla-5(SH: Steel work, Roofing work, in Police Gunti & covering of Water Tank etc. of Hospital building).	252246/-	5050/-	One Month	6&8	350/-
30	A/R & M/O to various residential buildings under Shimla Division No III (SH: Repair of roof sheets, ceiling, soffits etc of block No. 35 at U.S. Club Shimla (Balance work).	191813/-	3830/-	One Month	6&8	350/-
31	A/R & M/O to various residential building under Shimla Division No III.(SH: Painting and distempering and road side grating at Benmore Section).	333814/-	6680/-	One Month	6&8	350/-
32	A/R & M/O to various residential buildings under Division No.III(SH: Construction of P.C.C. R/wall in front of set No. A-3 at Block B near old M.I.A Qtrs. At RD 0/9.00 to RD 0/18.00 at Boileauganj, Shimla).	403966/-	8060/-	One Month	6&8	350/-
33	S/R to various residential building under Shimla Division No III.(SH: Repair of garage No. 4 & 5 and repair of roof of set No. 3 type-I'1 at Richmond Shimla under Benmore Sub Division Shimla-II).	355636/-	7110/-	One Month	6&8	350/-
34	A/R & M/O to various residential buildings under Division No.III(SH: Construcion of R/wall in front of set No. A-4 block-B near old M.I.A Qtrs at RD 0/000 to RD 0/9.000 at Boileauganj, Shimla).	404267/-	8090/-	One Month	6&8	350/-
35	S/R to set No. 205A occupied by Sh. Bahadur Singh at Old Metropole Shimla (SH: Providing and fixing paneled glazed shutters at old Metropole, P-I, tile work and welded mesh, painting and distempering etc).	440234/-	8800/-	One Month	6&8	350/-
36	A/R & M/O to various non residential buildings under Vidhan Sabha Sub Division (SH: Providing and fixing HDF flooring painting and distempering etc in court No. 1 Registrar officer).	186004/-	3720/-	One Month	6&8	350/-
37	S/R to various non residential building under Shimla Division No.III (SH: Providing and fixing pine wood ceiling, wooden lining & polishing etc in Room No. C-18 at Council Chamber at Vidhan Sabha).	247415/-	4950/-	One Month	6&8	350/-

Terms & Conditions:-

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

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

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 07January, 2021 and even file No.PBW(B)A(3)1/2020 Dated 16 July,2021 Please.
4. The Executive Engineer, IT wing to the Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla- 2 along with schedule of Quantity through (e-mail) for taking necessary action in view of principal Secretary(PW) to the Government of Himachal Pradesh notification No.PBW (B)A(3)1 2020 dated 16th July,2021.
5. The Municipal Commissioner M.C. Shimla.
6. All the Assistant Engineers working under this Division.
7. The president contractor association Shimla.
8. Notice board

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

Dated:- 10-5-22

386786

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SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 405198.00
Earnest Money Rs. :- 8110.00
Time:- Four Month.

Name of work: -A/R and M/O Various Residential buildings under Division no. III Shimla (SH:- Cleaning of door windows, sweepings, mopping and cleaning of toilets etc in Nirman Bhawan Nigam Vihar Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Cleaning of doors, windows, sweeping, mopping and cleaning of toilets. All as per direction of Engineer-in Charge. (For four month)	12802.46 Sqm.			Per square metre	
	Conditions:-				Total	

- Rates should be quoted for all heights including all leads and lifts for internal and external works.*
- i Useful materials will be handed over to the Assistant Engineer, Sub Division No. V, HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.
 - ii Sample of all Materials to be used on work. Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.
 - iii Recovery of useful bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.
 - iv

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499214.00
Earnest Money Rs. :- 9990.00

Time:- One Month.

**Name of work: - A/R &M/O to Cancer Hospital at IGMC. Shimla(SH:- Providing and Fixing Vitrified tiles , Wood work, Steel work ,
Paiting and Distemping in Chemotherapy Ward , Dr. Room and Waiting area out side of OPD in Ground floor)**

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolition below G.L. upto all depth and disposal of unseviceable materials within all leads and lifts :- Un-reinforced cement concrete upto 15cm thickness.	3.83 Cum.			Per Cubic Metre	
2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete(i) Size of Tile 600x600 mm	58.25 Sqm.			Per square metre	
3	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete (i) Size of Tile 600x600 mm	53.97 Sqm.			Per Square Metre	
4	Providing and fixing high density fiberboard (HDF) in Flooring / wall lining Pre-laminated one side decorative and other side plain, having density of 800-1000 kg/m³ with necessary fixing arrangement and screws etc. complete including carriage of materials within all leads and lifts (i) 8mm Thick	34.56 Sqm.			Per Square Metre	
5	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position 2nd class Rai wood including carriage of materials within all leads and lifts.	0.207 Cum.			Per Cubic Metre	
6	Providing and fixing 9mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	49.57 Sqm.			Per Square Metre	
7	Providing and fixing 12 mm thick Pine Wood wood Tongued and Grooved lining of approved quality with butt jointing and nails(frame work and cover fillets to be paid for separately).	51.34 Sqm.			Per Square Metre	

	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, milled and jointed mechanically wherever steel screws, all complete as per architectural drawings for glazing / paneling, C.P. brass / stainless (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including carriage of materials within all leads and lifts.	44.10 Kg.			Per Kilogramme	
9	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) including carriage of materials within all leads and lifts.	46.63 Kg.			Per Kilogramme	
10	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.	3.96 Sqm			Per Square Metre	
11	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.	6.37 Sqm			Per Square Metre	
12	Providing and fixing 1 mm thick lamination sheet of approved shade and quality fixed with approved adhesive and nails complete including carriage of material within all leads and lifts	2.11 Sqm			Per Square Metre	
13	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete(i) 250x16mm	7.00 No			Each	
14	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS - 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 200x10mm	14.00 No			Each	
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 125mm	14.00 No			Each	
16	Providing and fixing bright finished brass handles with screws etc. complete, including carriage of materials within all leads and lifts (i) 75 mm	4.00 No			Each	
17	Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete : (i) 90mm	4.00 No			Each	
18	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete including carriage of materials in all leads and lifts.	7.48 Sqm			Per square metre	
19	Providing and Fixing 5.0 mm thick glass panes in Partitions Frame work to be Measured and paid for separately (weight not less than 12.5 kg per sqm) Including carriage of material in all leads and lifts	0.92 Sqm.			Per Square Metre	

	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18mm X5mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge	9.90	Rmt.				Per Running Metre	
1	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts.	51.34	Sqm.				Per square metre	
	Conditions:-							
	i Rates should be quoted for all heights including all leads and lifts for internal and external works.						Total	

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 51018.00
Earnest Money Rs. :- 1030.00

Time:- One Month.

Name of work: -A/R & M/O residential buildings under Shimla Division No. III (SH:-Inside painting, distempering in block No. 2, type-III of Set No. 5 to 8 at Raj Bhawan Shimla).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	157.65 Sqm			Per square meter	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	157.65 Sqm			Per square meter	
3	Painting with synthetic enamel paint on previously painted wood of approved brand and manufacture of required colour to give an even shade one or more coats including carriage of materials within all leads and lifts.	261.26 Sqm			Per square meter	
4	Distempering One or more coat with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour including carriage of materials and as per the direction of the Engineer-in-Charge.	525.49 Sqm			Per square meter	
	Conditions:-					
					Total	

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

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

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

iv Recovery of useful bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

SCHEDULE OF QUANTITY

4

Estimated Cost Rs. :- 245788.00
Earnest Money Rs. :- 4920.00

Time:- One Month.

Name of work: - Special Repair to UG/PG Nursing Hostel Block_B at IGMC Shimla (SH:- Providing and Fixing Granit in Lift and Sanitary fittings in Toilet at IGMC. Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	31.89 Sqm			Per Square Metre	
2	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	31.89 Sqm			Per Square Metre	
3	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Area of slab over 0.50 sqm any Colour and Any Shade	31.89 Sqm.			Per Square Metre	
4	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. (i) Granite Stone	30.60 Rmt.			Per Running Metre	
5	Disposal of moorum/ building rubbish/ malba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for lead upto 10km. For lalleafs, complete as per direction of Engineer-in Charge. Note:- Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrying motor vehicle of 3.5 cum. or More.	0.64 Cum.			Per Cubic Metre	
6	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete, including carriage of materials within all leads and lifts.	10.00 No.			Each	
7	Providing and fixing 60 cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore.	12.00 No.			Each	
8	Providing and fixing brass bib cock of approved quality : (i) 15mm Nominal Size	12.00 No.			Each	
9	Providing and fixing brass stop cock of approved quality : (i) 15mm Nominal Size	10.00 No.			Each	

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

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

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

Total

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 428854.00
Earnest Money Rs. :- 8580.00

Time:- One Month.

Name of work: - AR & MO to HP. Public Service Commission office at Nigam Vihar Shimla (SH:-Dismantling and Relaying of Interlocking Tiles 60mm thick in Parking of HP.Public Service Commission office.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	536.00	Sqm		Per Square Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. (i) All kinds of soil	26.81	cum.		Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	26.81	Cum		Per Cubic Metre	
4	Providing and laying heavy duty pre-polished precast cement concrete inter locking paver blocks of NTC make or equivalent of approved design and shade vibro compacted of approved design, shade and size border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete (Sub base concrete floor to be paid for separately) 60mm thick block including carriage of materials within all leads and lifts.(Labour Rate)	428.80	Sqm		Per Square Metre	
5	Providing and laying heavy duty pre-polished precast cement concrete inter locking paver blocks of NTC make or equivalent of approved design and shade vibro compacted of approved design, shade and size border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete (Sub base concrete floor to be paid for separately) 60mm thick block including carriage of materials within all leads and lifts.	107.20	Sqm		Per Square Metre	

			Cum	26.81
Total			Per Cubic Metre	

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

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

Executive Engineer
Shimla Division No.III
HP. PWD. Shimla-6

SCHEDULE OF QUANTITY

6

Estimated Cost Rs. :- 338121.00
Earnest Money Rs. :- 6770.00

Time:- One Month.

Name of work: -Special Repair to Bhaba Hostel Building at Holly Oak Sanjauli Shimla(SH: _ Providing and Laying Chequered Tiles flooring, Repair to Drain and Disposal of Malba etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	3.08 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 : (i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	6.70 Cum			Per Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete: including carriage of materials within all leads and lifts.	20.63 Sqm.			Per Square Metre	
4	Chequered tiles 22 mm thick in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) :	244.35 Sqm			Per Square Metre	
5	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. 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 course of disposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	24.30 Cum			Per Cubic Metre	
Conditions:-						Total

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

Executive Engineer
Shimla Division No.III
HP. PWD. Shimla-1

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 392731.00
Earnest Money Rs. :- 7860.00

Time:- One Month.

Name of work: -Special Repair to Raman Hostel Building at Holly Oak Sanjauli Shimla(SH: _ Providing and Laying Chequered Tiles flooring, Repair to Drain etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	3.32 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 :(i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	11.37 Cum			Per Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete: including carriage of materials within all leads and lifts.	18.06 Sqm.			Per Square Metre	
4	Chequered tiles 22 mm thick in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) :	291.05 Sqm			Per Square Metre	
	Conditions:-				Total	

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

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

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

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

8

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 489495.00
Earnest Money Rs. :- 9790.00

Time:- One Month.

Name of work: - Special Repair to Medical College at IGMC Shimla. (SH: - Dismantling work, providing and fixing Cupboard, Ceiling, Tiles work, PVC flooring, Rain water pipes, painting and Distemping etc. for Anatomy department.)

Sl. No.	Items of work	Quantity	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 all leads and lifts including carriage of materials (wooden/concrete joists to be measured and paid for separately) for thickness of tiles upto 25mm.	55.71 Sqm.			Per Square metre	
2	Providing and fixing 9mm thick water proof kit ply of standard quality ISI mark and approved shade and colour in panelling and wall lining/ flooring including mitring at junctions, butt including cost of materials complete (Frame work for base to be measured & paid for separately) in-Charge.	85.25 Sqm			Per square metre	
3	Providing and fixing 12mm thick imported pine wood ceiling/ panelling/ 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.	40.00 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 within all leads and lifts	58.77 Sqm.			Per square metre.	
5	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	6.24 Sqm.			Per square metre.	
6	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials within all leads and lifts.	6.24 Sqm.			Per square metre.	
7	Providing and fixing plain square edged cover fillets (beading) 19mm X 6mm section including mitring at junction with wooden screws /nails etc. complete in hard wood including carriage of materials within all leads and lifts.	25.20 Rmt			Per running metre.	
8	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	20.00 No			Each	
9	Providing and fixing magnatic catcher with screws etc. complete including carriage of materials within all leads and lifts.	20.00 No			Each	
10	Providing and fixing 10mm thick anti skid water proof stain and impect resistant heavy duty ceramic tiles of size 600mm X 600mm X10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement:3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete including carriage of material in all leads and lifts.	103.20 Sqm			Per square metre.	

11	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	83.76	Sqm			Per square metre	
12	Providing and fixing high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 150mm nominal size	5.00	Rmt			Per running metre.	
13	Providing and fixing 150mm nominal size PVC (Finolex) door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	2.00	No.			Each	
14	Providing and fixing 150mm nominal size PVC (Finolex) collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	2.00	No			Each	
15	Providing and fixing 150mm nominal size PVC (Finolex) plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	2.00	No			Each	
16	Providing and fixing 15mm dia CP brass pillar tap with capstan head including carriage of materials within all leads and lifts.	6.00	No.			Each	
17	Providing and fixing 15mm dia C.P. stop cocks including carriage of materials within all leads and lifts.	4.00	No.			Each	
18	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts.	2.00	No.			Each	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

9

Estimated cost:- 343474.00
Earnest Money:- 6870.00
Time :- One Month.

Name of work:- S/R to various residential buildings under division no III Shimla. (SH:- Construction of glass house in Block B at Richmond Shimla)

SR. NO.	Sub-Head/Item of work.	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.	3	4	5	6	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering : All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size), including carriage of materials within all leads and lifts	Cum			Per cubic metre	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required, in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg			Per/Kilogramme	
4	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses/ Framed work etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete	Kg			Per/Kilogramme	
5	Providing and fixing 6mm thick chequered steel plates including cutting welding complete in flooring over steel frame work to be paid separately), including carriage of materials in all leads and lifts. As per direction of Engineer-in-charge.	Cum			Per cubic metre	
6	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete, including carriage of materials within all leads and lifts.:- Rae wood/chill wood	Cum			Per cubic metre	
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Deodar wood	Cum			Per cubic metre	
8	Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	Sqmt			Per square metre.	
9	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood 35 mm thick shutters	Sqmt			Per square metre.	
10	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts:- Plain Glass: 5.50 mm thick coloured glass. including carriage of materials in all leads and lifts.	Sqmt			Per square metre.	
11	Providing eaves board 200mmx25mm thick including fixing in position in 2nd class deodar wood, including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	Rmt			Per running/metre.	
12	Providing and fixing 12mm thk Pine wood planks chemically treated ceiling/paneling with tongued and grooved jointing and screws etc. complete, (frame work to be measured and paid for separately) including carriage of material in all leads and lift complete as per direction of Engineer-in-charge.	Sqmt			Per square metre.	

providing and fixing water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling & wall 12mm thick including carriage of materials within all leads and lifts.

CONDITION		Sqmt		Per square metre.	
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.				
				Total	

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 496986.00
Earnest Money Rs. :- 9940.00

Time:- One Month.

Name of work: -Construction Of Cretche /Day care centre (30 Children) at Parking Floor, Nirman Bhawan, Nigam Vihar, Distt . Shimla-HP (SH:- C/o Building portion with W.S. & S.I complete.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. and then disposing of all excavated earth as directed by the Engineer-in charge, within all leads, lifts of materials and other incidentals.	6.70 Cum			Per Cubic Metre	
2	Centering and shuttering including strutting, propping etc. and removal of form for : (i) Suspended floors, roofs, landings, balconies and access platform	2.61 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 : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	1.30 Cum			Per Cubic Metre	
4	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 ;but including carriage of materials in all leads and lifts:- (a) Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.26 Cum			Per Cubic Metre	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete and other incidentals due for its completion for all floors, within all leads and lifts of materials and other incidentals.	31.32 Per Kg.			Per Kilogramme	
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of material in all leads and lifts :-	12.22 Cum			Per Cubic Metre	
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.Cement mortar 1:4 (1 cement :4 coarse sand)	35.03 Sqm			Per Square Metre	

8	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5.54	Sqm				Per Square Metre	
9	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws : 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class Deodar wood	3.69	Sqm				Per Square Metre	
10	Providing and fixing 19mm (Nineteen millimetre) thick commercial board for cup board etc. including Nickel plated bright finished piano hinges. including carriage of materials within all leads and lifts	4.70	Sqm				Per Square Metre	
11	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	3.26	Sqm				Per Square Metre	
12	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to steel windows by welding	2.16	Per Kg.				Per Square Metre	
13	Providing and fixing Aluminium sliding door bolts with necessary screws etc including carriage of materials within all leads and lifts (i) 300 X 16 mm size	3.00	No.				Per Kilogramme	
13.10	(ii) 250 X 16 mm size.						Each	
14	Providing and fixing aluminium tower bolts (Barrel type) with necessary screws etc including carriage of materials within all leads and lifts (i) 200 X 10 mm size	2.00	No.				Each	
14.10	(ii) 150 X 10 mm size.	6.00	No.				Each	
15	Providing and fixing aluminium handles with necessary screws etc including carriage of materials within all leads and lifts (i) 125 mm size	2.00	No.				Each	
15.1	(ii) 75 mm size.	16.00	No.				Each	
16	Providing and fixing oxidized single acting Door spring with necessary screws etc. complete. including carriage of materials within all leads and lifts 150 mm	8.00	No.				Each	
17	Providing and fixing oxidized M.S. hasps and staple for cup board with necessary screws etc 90 mm size	2.00	No.				Each	
18	Providing and fixing 150mm (one hundred fifty millimetre) oxidized M.S. hooks and eyes.including carriage of materials within all leads and lifts	20.00	No.				Each	
19	Providing and fixing Hard wood plain square edged cover fillets beeding 19 x 6mm section including miting at junction with wooden screws and nails etc. complete including carriage of materials in all leads and lifts:-	12.45	Rmt.				Per Running Metre	
20	Providing and fixing 1 mm thick lamination sheet of approved shade and quality fixed with approved adhesive and nails complete including carriage of material within all leads and lifts.	3.26	Sqm				Per Running Metre	
21	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete.	20.00	No.				Per Square Metre	

22	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block size).	25.00	No.			Each	
23	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets with necessary screws etc:	9.00	Rmt.				
24	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete, with necessary screws etc	5.00	No.			Per Running Metre	
25	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete (i) Size of Tile 600x600 mm	45.00	Sqm			Per Square Metre	
26	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete (i) 500x500 mm	1.76	Sqm			Per Square Metre	
27	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with : Makrana white second quality	2.61	Sqm			Per Square Metre	
28	Providing and laying matt finished vitrified tile of size 300x300 x 9.8mm having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	7.35	Sqm			Per Square Metre	
29	Providing and laying ceramic tiles 300 x 450, 300 mm x 600mm and 200 X 300 mm 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.	22.41	Sqm			Per Square Metre	

30	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever required.	6.00	Sqm			Per Square Metre	
31	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. (i) In girders, frames, guard bar, ladder, railings, brackets, gates and similar works	295.64	Per Kg.			Per Kilogramme	
32	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	66.66	Sqm			Per Square Metre	
33	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture	13.40	Sqm			Per Square Metre	
34	15mm (Fifteen millimetres) thick cement plasters in single coat on fair side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal girth and finished even and smooth with cement mortar 1:6 (one cement: six sand) within all leads, lifts of materials and other incidentals.	88.16	Sqm			Per Square Metre	
35	15mm (Fifteen millimetres) thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal girth and finished even and smooth with cement mortar 1:6 (one cement: six sand) within all leads, lifts of materials and other incidentals.	88.16	Sqm			Per Square Metre	
36	Finishing walls with water proofing cement paint of required shade New work (Two or more coats and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete.	96.25	Sqm			Per Square Metre	
37	Wall painting (two coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for melling the surface	146.32	Sqm			Per Square Metre	
38	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.	242.58	Sqm			Per Square Metre	

39	Providing and fixing Polyethylene-Aluminium- Polyethylene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge. Concealed work, including cutting chases and making good the wall etc.(i) 1216 (16 mm O.D. pipe)	8.00	Rmt			Per running Metre	
40	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. :-500 litres net capacity tank (item no.3.114) (i) 500 litres net capacity tank (item no.3.114)	1000.00	Per litre			Per Litre	
41	Providing and fixing on wall face unplasticised Rigid PVC pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes,(i) 75 mm diameter Pipe	6.00	Rmt			Per running Metre	
41.1	(ii) 110 mm diameter Pipe	14.90	Rmt			Per running Metre	
42	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. (i) 75 mm	1.00	No.			Each	
42.1	(ii) 110 mm	1.00	No.			Each	
43	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. (a) Bends of required degree (any radius) :-Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete (i) 75mm Nominal Size	1.00	No.			Each	
43.1	110 mm nominal size :-	1.00	No.			Each	
44	Providing and fixing PVC (finolex) plain bend ISI marked including fixing with approved adhesive etc. complete. (i) 75 mm nominal size	1.00	No.			Each	
44.1	(ii) 110 mm nominal size :-	1.00	No.			Each	
45	Providing and fixing PVC 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. (i) 110 mm X 75 mm	1.00	No.			Each	
46	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan, with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seat and cover to be measured and paid for separately including carriage of materials within all leads and lifts :- (i) European type/ wash down type water closet pan	1.00	No.			Each	

47	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	1.00	No.				Each	
48	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings : (i) 550 X 400 mm	1.00	No.				Each	
49	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : (i) Kitchen sink with drain board 510x1040 mm bowl depth 250 mm	1.00	No.				Each	
50	Providing and fixing C.P. Waste Coupling for wash basin and sink, of approved quality and colour : (i) Waste coupling 31 mm dia of 79 mm length and 62mm breadth weighing not less than 45 gms	1.00	No.				Each	
51	Providing & fixing 32 mm dia, PVC waste pipe for wash basin or sink including check nut including carriage of material within all leads and lifts:-	1.00	No.				Each	
52	Providing & fixing 100 mm dia, C.P. grating including carriage of material within all leads and lifts:-	2.00	No.				Each	
53	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00	No.				Each	
54	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. (i) 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	1.00	No.				Each	
55	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :-	1.00	No.				Each	
56	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. (i) 15mm Dia	2.00	No.				Each	
57	Providing and fixing CP brass pillar tap with capstan head including carriage of materials within all leads and lifts :-15mm dia :-	1.00	No.				Each	
58	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	2.00	No.				Each	
59	Providing and fixing uplastised PVC connection pipe with brass unions : (a) 45 cm length (i) 15 mm Nominal Bore	2.00	No.				Each	
60	Providing and fixing brass full way valve with wheel including carriage of materials within all leads and lifts :-15mm nominal bore	1.00	No.				Each	
61	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 150mm dia	20.00	Rmt				Per Running Metre	
62	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. 150 mm nominal bore.	2.00	No.				Each	

63	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 20 mm 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 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : 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	1.00	No.			Each	
	Conditions:-					Total	

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

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

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

iv Recovery of useful bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

Executive Engineer
Shimla Division No.III
H.P.W.D. Shimla-8

SCHEDULE OF QUANTITY

11

Name of work: - Special repair to Armsdale Building at HP Secretariat Shimla. (SH.- Providing and fixing curtains in Room No. A-331, A-332 and re-stuffing of office chairs in CM office etc.)

Estimated Cost Rs. :- 147400.00
Earnest Money Rs. :- 2950.00
Time:- One Month.

Sr. No.	Description of items.	Quantity	Rate	Unit	Amount
1	Providing and fixing curtain of superior quality cloth as per approved sample of D-Decor make 500gsm including quality of cloth, design and shade etc. of specified length and standard width 48" including stitching complete in all respect and as per the direction of the Engineer in Charge having following sizes:- Stitched Curtain having length 2.50metres to 2.80 metres.	28.00 No.		Each	
2	Up holstering / re-stuffing of chairs using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials complete including carriage of materials in all leads and lifts as per the direction of the Engineer-in-Charge.	10.00 No.		Each	
3	Up holstering / re-stuffing of sofa set using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials and seats of (sleepwell 40 density) size 21" X 22" X 4" complete including carriage of materials in all leads and lifts as per the direction of the Engineer-in-Charge:- Three seater Sofa set.	2.00 No.		Each	
4	Up holstering / re-stuffing of sofa set using 2" thick sleepwell (32density) with superior quality foam sheet in seats and back fixing padding with coir and latex with superior quality tapestry cloth in proper position including cost of and stitching materials and seats of (sleepwell 40 density) size 21" X 22" X 4" complete including carriage of materials in all leads and lifts as per the direction of the Engineer-in-Charge:- Single seater Sofa set.	4.00 No.		Each	
Conditions:-					
i / Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.					
ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.					
Total					

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

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

210589.00
4250.00
One Month

Name of work:- **Special repair to residential accommodation under CMO at DDU hospital Shimla. (SH:-Providing and fixing gutter, ceiling in block-B etc) at Lalpani Shimla.**

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.	452.03 Kg			Per Killogramme	
2	Providing temporary platform by way of scaffolding for the repair of roofs/ roofs projection etc. upto all heights with bamboo complete tied with rope on joints and platform of old CGI sheets etc. in all respect including carriage of materials within all leads and lifts as per direction of the Engineer-in-charge (Area of platform top shall be measured and paid for separately).	554.40 Sqm			Per square meter	
3	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	24.84 Sqm			Per square meter	
4	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.80 mm thick with zinc coating not less than 275 gm/m ² including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	45.00 Rmt.			Per running metre.	
5	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately) 6mm thick commercial ply conforming to IS : 1328 BWR type including carriage of materials within all leads and lifts.	7.92 Sqm.			Per square meter	
6	Providing and fixing PGI Sheet bamboo for collection of water from roofing including carriage of materials within all leads and lifts.	4.00 No.			Each	
CONDITION:-					Total:-	

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

Executive Engineer
Shimla Division NO. 114
HQPWD Shimla-171003

SCHEDULE OF QUANTITY

13

Name of work: - Special Repair to Yojna Bhawan Building at HP Secretariat Chotta Shimla,(SH):- Providing and fixing curtains in Room No. Y-501 and Y-503.)

Estimated Cost Rs. :- 157600.00
Earnest Money Rs. :- 3160.00
Time:- One Month.

Sr. No.	Description of items.	Quantity	Rate	Unit	Amount
1	Providing and fixing curtain of superior quality cloth as per approved sample of D-Decor make 500gsm including quality of cloth, design and shade etc. of specified length and standard width 48" including stitching complete in all respect and as per the direction of the Engineer in Charge having following sizes:- Stitched Curtain having length 2.25metres to 2.50 metres.	38.00 No.		Each	0.00
2	Providing and fixing Net / Tissue curtain of superior quality cloth as per approved sample including quality of cloth, design and shade etc. of specified length and standard width including stitching with approved curtain tape and curtain rings etc. complete in all respect and as per the direction of the Engineer -in-Charge having following sizes:- Stitched Curtain having length 1.86 metres to 2.15 metres.	30.00 No.		Each	0.00
Conditions:-					
Total					

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 292411.00
Earnest Money Rs. :- 5850.00

Time:- One Month.

Name of work: - Special Repair to RKMV. College at Long Wood Shimla (SH:- Renovation of Toilet in Science Block With Water proofing Treatment etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	preparing the surface to receive water proofing treatment by removal of previous water proofing treatment and making surface ready to receive water proofing treatment. Cleaning the surface with wire brushes to clean smooth & Dry surface, free of any loose particles/ reinforcement bars/ debris etc. Grooving and Cleaning all the existing Cracks and repairing them with ploymer modified mortar washing if required (to be decided by site Incharge) before applying water proofing Coat of Acrylic Polymer modified protective and decorative in water proof treatment with RCC Work etc. as per site requirement and Complete in all respect including all leads , lifts and Carriage of Material at site as directed by the Engineer In Charge	254.27 Sqm			Per Square Metre	
Conditions:-						Total

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

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

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

Executive Engineer
Shimla Division No.III
HP PWD. Shimla-1

SCHEDULE OF QUANTITY

(15)

Name of work: - Special Repair to Ellerslie Main Building at HP Secretariat Shimla-2. (SH: - Painting and polishing in 1st and basement floor area of Ellerslie main building.)

Estimated Cost Rs. :- 106104.00
Earnest Money Rs. :- 2130.00
Time:- One Month.

Sr. No.	Description of items.	Quantity	Rate	Unit	Amount
1	Polishing two or more coats with malamine polish of required shade on 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.	31.34 Sqm		Per square metre.	
2	Finishing walls with Acrylic Smooth exterior paint of required shade Old work on wall and roof surface one or more coat on existing painted surface complete including carriage of materials within all leads and lifts.	506.90 Sqm		Per square metre.	
3	Repair to plaster in patches including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer In-Charge including carriage of materials within all leads and lifts.	50.69 Sqm		Per square metre	
4	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	50.69 Sqm		Per square metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work on wood complete including carriage of materials within all leads and lifts.	290.26 Sqm		Per square metre	
6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	349.51 Sqm		Per square metre	
7	Distemping two or more coats, with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour complete as per manufacturer's specification including carriage of materials within all leads and lifts.	349.51 Sqm.		Per Square metre	
Conditions:-				Total	

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

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

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Earnest Money Rs. :- 5850.00

Name of work: - Special Repair to RKMV. College at Long Wood Shimla (SH:- Providing and Laying CC.1:5:10 for renovation of Toilet in Science Block.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	86.00	Cum.		Per Cubic Metre	
	Conditions:-				Total	

Shimla-1 otherwise credit for useful materials will be charged.

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

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

SCHEDULE OF QUANTITY

17

Estimated Cost Rs. :- 375788.00
Earnest Money Rs. :- 7520.00

Time:- One Month.

Name of work:- Special Repair to Various residential Building under Shimla Division No.III (SH:- Covering of water tank platform with steel frame & Welded mesh in Dispensary Block, Transit Accommodation, Block-III of Set No. 1,2,3 & 4 & Block -II Set 1&2 at Barnes Court Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	2676.80 Kg			Per Kilogram	
2	Providing and fixing M.S welded mesh 25mmx25mmx2mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and ligts.	127.56 Sqm			Per Square Metre	
3	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete. (i) 125x65x2.12 mm	24.00 No.			Each	
4	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. (i) 250x16mm	10.00 No.			Each	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	127.56 Sqm			Per Square Metre	
	Conditions:-				Total	

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

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 305027.00
Earnest Money Rs. :- 6110.00

Time:- One Month.

Name of work: - Special Repair to Various residential Building under Shimla Division No.III (SH:- Steel work for covering of Water Tank Pedestal in Block No. 5, Supdt. Block and Block No.10 Set No. 1 to 6 at Barnes Court Shimla)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	2095.49	Kg			Per Kilogram	
2	Providing and fixing M.S welded mesh 25mmx25mmx2mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and ligts.	114.66	Sqm			Per Square Metre	
3	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete. (i) 125x65x2.12 mm	24.00	No.			Each	
4	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. (i) 250x16mm	8.00	No.			Each	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	114.66	Sqm			Per Square Metre	
	Conditions:-					Total	

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

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

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

Executive Engineer
Shimla Division No.III
HP PWD. Shimla

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 151678.00
Earnest Money Rs. :- 3040.00

Time:- One Month.

Name of work: - A/R & M/O to Kamla Nehru Hospital Shimla (SH:-Providing renewal Coat of 30mm Thick Bituminous Concrete on approach road to KNH. Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing & applying tack coat with bitumen emulsion (RS-1) using distributor at the rate of 0.25 to 0.30 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge.	355.25 Sqm			Per Square Metre	
2	Providing & laying bituminous concrete 30mm (thirty millimetre) thick with 100-120 (one hundred one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (seventy five) tonnes per hours using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (five point four to five point six) per cent of mix and filler, transportation the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 (five hundred nine) complete in all respects including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge. The work should be executed as per job mix Formula approved by Department. The rates should be Quated accordingly nothing extra should be applicable on this account.	10.65 Cum			Per Square Metre	
Conditions:-						Total

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

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

Executive Engineer
Shimla Division No.III
HPPWD, Shimla

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 295379.00
Earnest Money Rs. :- 5910.00

Time:- One Month.

Name of work: - Extension and Renovation of Old Mess at MBBS & BDS Girls Hostel at Lakkar Bazar Shimla (SH:- Providing and Laying CC. 1:2:4, Steel work and Red stone flooring out side of mess/ Dining Area)

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 1.5 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. (i) All kinds of soil	2.97 cum.			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	2.97 Cum.			Per Cubic Metre	
3	Providing and laying red sand stone slab flooring 40mm average thick on 20mm average thick base of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab i/c rubbing and granite polish finish complete with all accessories as required as per the direction of Engineer In-Charges.	93.85 Sqm.			Per Square Metre	
4	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete, including carriage of materials within all leads and lifts. (i) Hot finished welded type tubes	1442.21 Kg			Per Kilogram	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	20.86 Sqm			Per Square Metre	
	Conditions:-				Total	

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

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

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

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

SCHEDULE OF QUANTITY


Name of work:- Special repair to state Museum near Chaura Maidan Shimla-4. (SH:- Providing and Fixing Pine wood ceiling, lining, Providing and Laying floor tiles, Polishing, W.S & S.I fittings etc.)

Estimated Cost Rs. :- 383177.00
Earnest Money Rs. :- 7660.00
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 fixed in position with necessary stainless steel screws etc. complete, including carriage of materials within all leads and lifts.-2nd class D/Dar wood.	0.87 Cum			Per Cubic metre.	
2	Providing and fixing 12mm commercial ply of standard quality ISI mark and approved shade and colour in wall lining / ceiling including miting 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.	49.89 Sqm			Per square metre	
3	Providing and fixing 12mm thk Pine wood planks chemically treated ceiling/panelling with tongued and grooved jointing and screws etc. complete (frame work to be measured and paid for separately) including carriage of material in all leads and lift complete as per direction of Engineer-in-Charge.	58.73 Sqm			Per square metre	
4	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts. Size of Tile 600x600 mm.	1.81 Sqm.			Per square metre.	
5	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately)	30.52 Sqm.			Per square metre.	
6	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	64.60 Sqm			Per square metre	
7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15 mm dia nominal bore complete including carriage of materials in all leads and lifts.	28.90 Rmt.			Per Running Metre.	
8	Providing and fixing vitreous China wash down, water closet (European type, W.C. pan) one piece with integral 'P' or 'S' trap including cistern seat and cover jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) including carriage of materials within all leads and lifts:- Hindware Popular Cat-No. 20044 complete set.	1.00 No			Each	
9	Providing and fixing 550mm X 400mm X 800mm 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 including carriage of materials within all leads and lifts:- complete set Hindware cat No. 10098, Pedestal Hindware Cat.11032.	1.00 No.			Each	
10	Providing and fixing PVC (Finolex) Type-A single equal branch with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-75mm dia.	1.00 No.			Each	
11	110mm	1.00 No.			Each	

13	Providing and fixing PVC Finolex door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lift (i) 75mm nominal size.	1.00 No.			Each	
14	Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00 No.			Each	
15	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i) 15 mm nominal bore.	4.00 No.			Each	
16	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials within all leads and lifts as per direction of Engineer-in-charge:- 50mm nominal bore.	3.00 No.			Each	
17	Providing and fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.00 No.			Each	
18	Providing and fixing PVC (Finolex) floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:- (i) 110mm X 75mm size.	3.00 No			Each	
19	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore. including carriage of materials within all leads and lifts. .	1.00 No.			Each	
20	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 20 mm 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 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : 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) :	3.00 No			Each	
21	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	6.00 No.			Each	
22	Providing and fixing 100mm C.P. grating of viking for floor or nahani trap including carriage of materials within all leads and lifts.	3.00 No			Each	
23	Providing and fixing 8mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00 No.			Each	
24	Providing and fixing 610mm X 20mm size C. P. Towel rail complete with C.P. brackets fixed to wooden plugs with C. P. screws including carriage of materials within all leads and lifts:-ESS ESS catalogue No. AC-101.	1.00 No.			Each	
25	Providing and fixing Ess-Ess . Soap dish holder make complete fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts.	3.00 No.			Each	
26	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 75mm dia.	4.00 Rmt			Per Running metre.	
27	110mm dia.	32.00 Rmt			Per Running metre.	

29	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610mm x 460mm bowl depth 250mm.	1.00	No.					Each	
	Providing and fixing central hole wash basin mixture / sink mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:- Ess Croma C-211A.	1.00	No					Each	
30	Providing and fixing Wall mixer non telephonic arrangement including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:- Ess Croma C-215.	1.00	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, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.								
	iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.								

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


SCHEDULE OF QUANTITY

Name of work: - Special Repair to Ellerslie Main Building at HP Secretariat Shimla-2. (SH: - Providing and fixing wooden partition with cupboard and side table etc. in CS office.)

Estimated Cost Rs. :- 88000.00
Earnest Money Rs. :- 1760.00
Time:- One Month.

Sr. No.	Description of items.	Quantity	Rate	Unit	Amount
1	Providing and fixing wooden partition with cupboard finished with 19mm thick commercial board and 4mm teak wood ply and beading , polishing with melamine polish complete including carriage of material within all leads and lifts:- Size 7' X 4'6".	1.00 No.		Each	
2	Providing and fixing teak wood side table with 10mm thick glass top finished with melamine polish complete including carriage of material within all leads and lifts:- Size 18" X 18".	8.00 No.		Each	
3	Providing and fixing honour board of 19mm thick board finished with 4mm thick teak ply with melamine polish complete including carriage of material within all leads and lifts:- Size 4'6" X 2'6".	3.00 No.		Each	
Conditions:-					
Total					

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 458104.00
Earnest Money Rs. :- 9160.00

Time:- One Month.

Name of work:- Special repair to state Museum near Chaura Maidan Shimla-4.(SH):- Providing and Fixing Door, windows, wire gauge shutter, cupboard etc in reception room)

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. complete. including carriage of materials within all leads and lifts. -2nd class D/Dar wood	1.02 Cum			Per Cubic metre.	
2	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood wood 35 mm thick shutters	17.69 Sqm			Per square metre	
3	Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	57.51 Sqm			Per square metre	
4	Providing and fixing 19 mm thick commercial board shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	9.28 Sqm			Per square metre	
5	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws ;including carriage of materials within all leads and lifts. 30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood	11.28 Sqm			Per square metre	
6	Providing and fixing 12mm thk Pine wood planks chemically treated ceiling/paneling with tongued and grooved jointing and screws etc. complete.(frame work to be measured and paid for separately) including carriage of material in all leads and lift complete as per direction of Engineer-in-Charge.	27.48 Sqm			Per square metre	
7	Providing and fixing wooden moulded corner beading of triangular shape to the junction of paneling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood. 50x50 mm (base and height)	39.24 Rmtr			Per running metre	
8	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sumnila) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	53.29 Sqm			Per square metre	
9	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	80.00 Rmtr			Per running metre	
10	Providing and fixing 8mm thick tufted glass of standard quality. including carriage of material in all leads and lifts.	1.17 Sqm			Per square metre	

12	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 5.50 mm thick glass panes complete including carriage of materials within all leads and lifts.	3.60	Sqm.			Per square metre.	
13	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 250x16mm.	4.00	No			Each	
14	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 250mm x 10mm.	8.00	No			Each	
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm.	40.00	No			Each	
16	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	8.00	No			Each	
17	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	40.00	No			Each	
18	Providing and fixing bright finished brass furniture handles with screws etc. complete including carriage of materials within all leads and lifts.	12.00	No			Each	
19	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	11.00	No			Each	
20	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	65.37	Sqm			Per square metre	
		2.00	No.			Per Set	

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

Draft schedule of quantity No..... for the year 2022 - 2023
duly approved on dated.....for ₹. 458104/- only.

ii Useful materials will be handed over to the Assistant Engineer, Vidhan Sabha Sub Division HPWD, Shimla-4 otherwise credit for useful materials will be charged.

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

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

SCHEDULE OF QUANTITY

24

Estimated Cost Rs. :- 472632.00
Earnest Money Rs. :- 9460.00

Name of work: - Special Repair to Eilerslie Main Building at HP Secretariat Shimla-2. (SH: - Construction of retaining wall in back side of recycle room(old machine room)).

Time:- One Month.

Sr. No.	Description of Items.	Quantity	Rate	Unit	Amount
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, upto all lifts including getting out the excavated soil and disposal of surplus excavated soils as directed complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge:- All kinds of soil.	31.73 Cum.		Per cubic metre.	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. up to all floor level, excluding the cost of centering, shuttering and finishing:- 1:4:8 (1 cement : 4 coarse sand) : 8 graded stone aggregate 20mm nominal size.) complete including carriage of materials within all leads and lifts.	88.65 Cum		Per cubic metre	
3	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	48.78 Cum		Per Cubic metre	
4	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	20.00 Rmt.		Per Running metre	
Conditions:-					
Total					

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

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

SCHEDULE OF QUANTITY

25

Name of work:- A/R and M/O Various non residential buildings at Vidhan Sabha Shimla. (SH:- Providing and laying Carpet in in dining hall & supplying of flags etc . at Vidhan Sabha Shimla.)

Estimated Cost Rs. :- 321152.00
Earnest Money Rs. :- 6420.00

Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing of different colour heavy quality Polister cloth flags of size 40"x30" make of branded fabric presto india fabric with cutting and stitching completely. including carriage of material with in all leads and lifts.	210.00 No			Each	
2	Providing and fixing at site carpet of obtee brand semi acrylic carpet backing synthetic latex superior quality cloth of thk 8mm pile height complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	146.13 Sqm			Per square metre	

- 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, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.
- iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.

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

SCHEDULE OF QUANTITY

66

Estimated Cost Rs. :- 152856.00
Earnest Money Rs. :- 3060.00

Time:- One Month.

Name of work: - A/R & M/O to Type-II, Block "A", Block-"B" and BLOCK-"C" Residential Building at Holly Oak Sanjauli Shimla (SH:- Painting & Distemping , renewing Glass panes and Sanitary Instalation s etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	1366.38				
2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. (i) One Coat	66.33				
3	Painting with synthetic enamel paint on wood and Wood based Surfaces of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	435.06				
4	Painting with synthetic enamel paint on steel and Steel Surfaces of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	160.02				
5	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	573.08				
6	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	573.08				
7	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.	1.40				
8	Providing and laying Glazed Ceramic floor tiles of size 300X300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete within carriage of material in all leads and lifts.	1.40				
9	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:-including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge. (i) Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	10.56				

0	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.	1.00						
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Conditions:-

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

Executive Engineer
Shimla Division No.III
HPPWD. Shimla

SCHEDULE OF QUANTITY

621

Name of work:- A/R and M/O Various non residential buildings at Vidhan Sabha Shimla. (SH:- Providing and laying Carpet in Entrance Lobby in ruling and opposition Lounge & Providing and Fixing roller blind and green artificial grass foot matt in Library building)

Estimated Cost Rs. :- 385000.00
Earnest Money Rs. :- 7700.00

Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing at site carpet of obtee brand semi acrylic carpet backing synthetic latex superior quality cloth of thk 8 mm pile height complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	174.34 Sqm			Per square metre	
2	Providing and fixing at site roller blind DSG shades company heavy quality jutt fabric with powder coated aluminium channel complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	32.42 Sqm			Per square metre	
3	Providing and fixing at site 40 mm thick green artificial grass foot matt of superior quality complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	19.96 Sqm			Per square metre	

- 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, Vidhan Sabha Sub Division HP PWD, Shimla-4 otherwise credit for useful materials will be charged.
- iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 273556.00
Earnest Money Rs. :- 5480.00

Time:- One Month.

Name of work: -A/R & M/O to Corestopphen Estate Type-II Building at IGM.C. Shimla(SH:- Painting and Distempering in Type-II, 7 No Sets at Correstophen Estate Lakkar Bazar Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Distempering with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	2396.83 Sqm			Per Square Metre	
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	958.73 Sqm.			Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	958.73 Sqm			Per Square Metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on wood and wood surfaces One or more coats on old work on steel complete including carriage of materials within all leads and lifts.	1606.67 Sqm			Per Square Metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on steel surfaces One or more coats on old work on steel complete including carriage of materials within all leads and lifts.	86.96 Sqm			Per Square Metre	
6	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. (i) One Coat	83.82 Sqm			Per Square Metre	
	Conditions:-					
	Total					

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

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

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

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

SCHEDULE OF QUANTITY

291

Estimated Cost Rs. :- 252246.00
Earnest Money Rs. :- 5050.00

Time:- One Month.

Name of work: - Special Repair to Himachal Hospital of Mental Health & Rehabilitation Centre at Boileauganj Shimla-5(SH:- Steel work, Roofing work, in Police Gunti & Covering of Water Tank etc. of Hospital Building)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	1230.39 Kg			Per Kilogram me	
2	Providing and fixing precasted 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 (5.5mm x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete within carriage of material in all leads and lifts.	23.52 Sqm.			Per Square Metre	
3	Providing and fixing precasted 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 Ridges plain (500 - 600mm) complete within carriage of material in all leads and lifts.	10.47 Rmt.			Per Running Metre	
4	Providing and fixing M.S. BP sheet 1.66 to 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting , fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge.including entire carriage of materials in all leads and lifts	11.76 Sqm			Per square metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Two or more coats on New work on steel complete including carriage of materials within all leads and lifts.	168.44 Sqm.			Per square metre	

Providing and fixing M.S welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	84.22 Sqm			Per square metre	
Conditions:-					
i Rates should be quoted for all heights including all leads and lifts for internal and external works.				Total	

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

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

SCHEDULE OF QUANTITY

30

Name of work: - A/R and M/O to various residential buildings Under division no III Shimla. (SH:- repair of roof sheets, ceiling, soffits ect of block NO.- 35 at U.S. Club Shimla)
(Balance Work)

Estimated cost:- 191813.00
Earnest Money:- 3830.00
Time :- One Month.

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2 Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet. including carriage of materials within all leads and lifts	3 62.79 Sqm.	4	5	6 Per square metre.	
2	3 Providing and fixing precast galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.62 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 (5.5 x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. Tata Durashine or	62.79 Sqm			Per square meter.	
3	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	642.62 Kg			per kilogramme	
4	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately)	17.68 Sqm			Per square metre.	
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	17.68 Sqm.			Sqm.	
	CONDITION				Total	

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.
- Recovery for serviceable/ Un-serviceable material to be obtained from dismantling i.e. CGI/PGI sheets. For qty as per item no 1

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

SCHEDULE OF QUANTITY

33

Estimated cost:- 333814.00
Earnest Money:- 6680.00

Time :- One Month.

Name of work:- A/R and M/O various residential buildings under Division No III Shimla. (SH:- Painting and distemper and road side grating at Benmore Section.)

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	2	3	4	5	6
2	Providing and fixing fiber/polycarbonate transparent sheet 1.20 mm thick in lining with self drilling screws along with washers etc. complete with all accessories as required to complete the work in all leads and lifts as per direction of Engineer-in-charge.	1407.60 Kg	59.40 Sqm.		per Kilogramme	
3	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour one or more coats.	1005.56 Sqm.			Per Square metre	
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	403.03 Sqm.			Per Square metre	
	CONDITION				Total	

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 402966.00
Earnest Money Rs. :- 8060.00

Time:- One Month.

Name of work:- A/R and M/O Various Residential buildings Under Division no. III Shimla. (SH:- Construction of P.C.C R/Wall in front of Set No.A-3 at block B near Old MLA Qtrs at Rd 0/9.00 to Rd 0/18.00 at Boileauganj Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	9.04 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	46.17 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, filets, 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.	5.13 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, filets, 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.)	41.04 Cum			Per Cubic metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge - All work up to plinth level:- 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	21.42 Cum			Per cubic metre	
6	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 filets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	17.68 Sqm.			Per Square metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	4.32 Cum			Per Cubic metre	

8	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	39.15 Rmt.					Per Running metre	
9	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	46.17 Cum					Per cubic metre	

- 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, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.*
- iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.*

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

SCHEDULE OF QUANTITY

33

Name of work: - S/R to various residential buildings Under division no III Shimla. (SH:- Repair of garrage no.4 & 5 and repair of roof of set no.3 type VI at Richmond Shimla under Benmore Sub - division Shimla-II)

Estimated cost:- 355636.00
Earnest Money:- 7110.00
Time :- One Month.

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	1.46 Cum	4	5	6	
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level. 1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size) complete including carriage of materials within all leads and lifts.	1.46 Cum			Per Cubic metre	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. complete including carriage of materials within all leads and lifts.	1305.36 Kg			per kilogramme	
4	Providing and fixing polycarbonatd transparent sheet 2.0 mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpe and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	21.90 sqm			Per Square metre	
5	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purfins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than	134.59 sqm			Per Square metre	
6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	0.31 Cum			Per Cubic metre	
7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture. complete including carriage of materials within all leads and lifts.	43.56 sqm			Per Square metre	
Condition:-					Total	

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 404267.00
Earmest Money Rs. :- 8090.00

Time:- One Month.

Name of work:- A/R and M/O Various Residential buildings Under Division no. III Shimla. (SH:- Construction of R/wall in front of Set No.A-4 block B near Old MLA Qtrs at Rd 0/00 to Rd 0/9.00 at Bolleauganj Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	9.90 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	46.17 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.	5.13 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) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge - All work up to plinth level:- 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	41.04 Cum			Per Cubic metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge	21.42 Cum			Per cubic metre	
6	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.	17.68 Sqm.			Per Square metre	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	4.32 Cum			Per Cubic metre	

8	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	39.15 Rmt.		Per Running metre	
9	Disposal of building rubbish / maba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	46.17 Cum		Per cubic metre	

Condition:-

- 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, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.
- iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.

Draft schedule of quantity No..... for the year 2022 - 2023
duly approved on dated.....for ₹. 404267/- only.

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

SCHEDULE OF QUANTITY

Estimated Cost 1440234.00
Earnest Money 18800.00

Name of work:- S/R to Set No 205 A occupied by Sh. Bahadur Singh at Old Metropole Shimla. (SH:- Providing and Fixing Panelled glazed shutters at old Metropole, P/L tile work and welded mesh, Painting and distemper etc.)
Time:- one months.



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 (l/c equivalent design mix).	0.50 Cum			Per cubic metre.	
2	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	22.80 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 :- (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 20 mm nominal size) Including carriage of materials within all leads and lifts	0.74 Cum.			Per cubic metre.	
4	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.	2.67 Sqm.			Per square metre.	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level:- Hot rolled deformed bars complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	24.00 Kg.			Per kilogramme.	
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 1:1.5:3 (1cement : 1.5coarse sand): 3 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge	0.17 Cum			Per cubic metre	
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level:- Cement mortar 1:4 (1 cement :4 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	7.86 Sqm			Per square metre	
8	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately):- 2nd class d/dlar wood.	0.11 Cum.			Per cubic metre.	

9	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts.-Rai wood/Chill wood	0.23	Cum				Per cubic metre	
10	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows Including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	4.59	Sqm				Per square metre.	
11	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	5.43	Sqm				Per square metre.	
12	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts.	31.06	Sqm.				Per square metre.	
13	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts.	7.55	Sqm.				Per square metre.	
14	Providing and fixing 9mm thick water proof kit ply make of standard quality ISI mark and approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete with circular work (Frame work for base to be measured & paid for separately) including carriage of materials within all leads and lifts.	29.71	Sqm.				Per square metre	
15	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sumnica) on boards/ply wood sheets with approved adhesive and nails etc. including carriage of materials within all leads and lifts.	8.63	Sqm.				Per square metre.	
16	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	23.21	Rmt.				Per running metre.	
17	Providing and fixing 50x12 mm size wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. in 2nd class leak wood complete including carriage of materials within all leads and lifts.	37.70	Rmt				Per running metre	
18	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	2.00	No.				Each	
19	Providing and fixing aluminium 150x10 mm size tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	14.00	No.				Each	

20	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 125mm size.	14.00	No.			Each.	
21	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	23.00	No.			Each	
22	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	18.00	No			Each	
23	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.	415.80	Kg.			Per kilogramme	
24	Providing and fixing M.S. welded mesh 25mm X 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	29.70	Sqm			Per square metre	
25	Providing and laying vitrified floor tiles of 600mm X 600mm sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete .	31.72	Sqm.			Per Square metre	
26	Providing and laying vitrified tiles of 600mm X 600mm sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.	10.23	Sqm.			Per Square metre	
27	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of materials within all leads and lifts as per direction of Engineer-in- charge.	3.04	Sqm.			Per Square metre	
28	Dubbing out an old irregular walls average 15mm thick with cement mortar 1:6 (1 Cement : 6 sand) including carriage of materials in all leads and lifts.	61.86	Sqm.			Per square metre.	
29	15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	77.58	Sqm.			Per square metre	

30	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	119.58	Sqm			Per square metre.	
31	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	99.38	Sqm			Per square metre	
32	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture including carriage of materials within all leads and lifts.	119.58	Sqm			Per square metre	
33	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture ncluding carriage of materials within all leads and lifts.	59.40	Sqm			Per square metre	
34	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	97.40	Sqm			Per square metre	
35	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	81.68	Sqm.			Per square metre.	
36	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.including Priming coat with distemper primer.including carriage of materials within all leads and lifts.	77.58	Sqm.			Per square metre.	
37	Distempering with 1st quality acrylic distember/ oil bound (Ready mix) having VOC content less than 50grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats).	189.49	Sqm			Per square metre	
38	Providing and fixing viterous China wash down water closet (Angle indian type W.C. pan) universal star white Hindware catalogue No. 20012 complete set with intergal P or S trap including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) (seat and cover to be measured and paid for separately) including carriage of materials within all leads and lifts.	1.00	No.			Each	
39	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials within all leads and lifts.10 litre capacity - White.	1.00	No.			Each	
40	Providing and fixing Sink mixer with swivel spout wall mounted including connection fitting complete in all respect of make Ess-Ess Cat No. C-219 complete including carriage of materials within all leads and lifts.	2.00	No			Each	

41	Providing and fixing Central hole basin mixer without pop-up waste system with 450 mm long flexible hose including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-ESS ESS catalogue No. C-211.	2.00	No			Each	
42	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610mm x 460mm bowl depth 200mm.	1.00	No.			Each	
43	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :-Solid Type :-White plastic seat and cover.	1.00	No.			Each	
44	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	
45	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-(i)75 mm dia. including carriage of materials within all leads and lifts.	13.45	Rmt			Per Running metre.	
46	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 75mm nominal size.	6.00	No.			Each	
	i Rates should be quoted for all heights including all leads and lifts for internal and external works.					Total	
	ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						


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


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SCHEDULE OF QUANTITY

Estimated Cost | 186004.00
Earnest Money | 3720.00
Time:- one months.

Name of work:- A/R and M/O various Non residential buildings under Vidhan Sabha Sub- Division.(SH:- Providing and Fixing HDF flooring painting and distempering etc.in court No.1 Resistrar officer.)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figuers	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	106.02	Sqm			Per square metre	
2	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	33.45	Sqm			Per square metre	
3	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	26.50	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 including carriage of materials within all leads and lifts.	26.50	Sqm			Per square metre	
5	Melamine polishing on wood work (one or more coat) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge	6.12	Sqm.			Per square metre.	
6	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured. corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	17.79	Sqm			Per square metre	
7	Providing and Fixing aluminium step edging of size 57mmx16mmx3mm.complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	3.75	Rmtr			Per running metre	
8	Providing and fixing 50mm X 50mm wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts. 2nd class teak wood	29.40	Rmt			Per running metre	
9	Providing and fixing Ess-Ess make curtain rod 20mm dia complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	52.05	Rmt.			Per running metre	
10	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.	25.40	Sqm.			Per square metre.	

11	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	13.56	Sqm			Per square metre	
12	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 teak ply-3ply complete including carriage of materials within all leads and lifts.	11.04	Sqm			Per square metre	
13	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	15.60	Rmt.			Per running metre.	
14	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	17.79	Sqm.			Per Square metre	
15	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7 mm 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.	26.80	Sqm.			Per square metre.	
16	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick in dado upto 30cm. complete in all respect as per direction of Engineer in charge including carriage of material in all leads and lifts.	4.00	Rmt			Per running metre.	
						Total	
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Executive Engineer,
Shimla Division No. III,
HP. PWD. Shimla-3.

[Signature]

SCHEDULE OF QUANTITY

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Estimated Cost Rs. :- 247415.00
Earnest Money Rs. :- 4950.00
Time:- One Month.

Name of work:- S/R to Various non residential building under division No III Shimla.(SH:-Providing and fixing pine wood ceiling, wooden lining & Polishing etc in Room No C-18 at Council Chamber at Vidhan sabha.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts:- Second class deodar wood.	0.89 Cum			Per cubic metre	
2	Providing and fixing 12mm thick water proof kit ply of standred quality of approved shade and colour in paneling and wall lining with butt jointing and nails (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	42.23 Sqm			Per square metre	
3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately):- Second class deodar wood.	0.33 Cum.			Per cubic metre.	
4	Providing and fixing 12mm thick pine wood for ceiling/lining of approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) including carriage of material within all leads and lifts.	10.20 Sqm.			Per square metre	
5	Providing and fixing plain square edged cover fillets (beading) 50mm X20mm section with wood screws in ceiling and lining including mitring at junctions in 1st class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	12.80 Rmt.			Per Running metre	
6	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows Including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	8.56 Sqm			Per square metre.	
7	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.	19.78 Sqm			Per square metre	
8	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
9	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	4.00 No			Each	
10	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete :	2.00 No			Each	
11	Melamine polishing on wood work (two or more coat) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge	33.00 Sqm.			Per square metre.	
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.						
ii Useful materials will be handed over to the Assistant Engineer, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.						
iii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.						
					Total	

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