

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

12720-20

Dated:- (0-9-2)

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 20-09-2021 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 18-09-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 17-09-2021.

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	Special repair to Bithal Bhai Bhawan at H.P Vidhan Sabha Shimla. (SH:- Providing and fixing Eves board, Weather board, etc. in Bithal Bhai Bhawan and tile work in Fountain tank & near gate No. 6 etc).	Rs.3,10,175/-	Rs.6250/-	One Month	6&8	350/-
2	Improvement of road from cart road to Annadale KM's 0/00 to 4/160. (SH:- Construction of PCC retaining wall at RD's 0/397 to 0/413).	Rs.4,28,307/-	Rs.8600/-	One Month	6&8	350/-
3	Special repair to Annadale view building at Chaura Maidan Shimla. (SH:- Providing and fixing Polycarbonate sheet roofing and renovation of glass room etc).	Rs.2,54,628/-	Rs.5100/-	One Month	6&8	350/-
4	Special repair to Yojna Bhawan building at H.P Secretariat Chotta Shimla. (SH:- Providing and fixing cup board and side rack in Room No. 104 and minor repair works in Library etc).	Rs.1,12,856/-	Rs.2260/-	One Month	6&8	350/-
5	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Construction of edge/Breast wall in exit side of Armsdale building below generator set etc).	Rs.4,25,980/-	Rs.8520/-	One Month	6&8	350/-
6	Special repair to Armsdale building at H.P Secretariat Shimla-2. (SH:- Providing paneling in front side of Library at Armsdale building).	Rs.3,94,509/-	Rs.7900/-	One Month	6&8	350/-
7	Special repair to Flowery culture, Directorate of Horticulture building at Navbahar Shimla-2 (SH:- Providing & Fixing wood work, PVC flooring & Chequered tiles, flooring, painting & distempering of RCC shelves etc).	Rs.4,55,914/-	Rs.9120/-	One Month	6&8	350/-
8	Special repair to residential building C-7 occupied by Sh. Rajeev Bhardwaj District & Session judge at Bemloe Shimla. (SH:- Providing and Fixing C.G.I. Sheet roofing etc).	Rs.3,66,530/-	Rs.7330/-	One Month	6&8	350/-
9	Special repair to various residential buildings under Division No.III Shimla. (SH:- Providing and fixing mattress. Pillow, foot matt etc in M.H.-4,5 at Benmore Section).	Rs.1,07,379/-	Rs.2150/-	One Month	6&8	350/-
10	A/R & M/O various residential buildings under Division No.III Shimla. (SH:- Furnishing to Minister House No.3 at Benmore Shimla).	Rs.1,15,041/-	Rs.2300/-	One Month	6&8	350/-
11	Special repair to Udyog Bhawan premises of Advocate General office near High Chauri Shimla. (SH:- Repair of plaster, painting and distempering in basement 1 & 2 of Udyog Bhawan near High Court Shimla).	Rs.1,45,485/-	Rs.2950/-	One Month	6&8	350/-
12	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Providing and Fixing wooden partition, paneling, flooring and sanitary fitting in Room No. A-120 etc).	Rs.2,65,740/-	Rs.5320/-	One Month	6&8	350/-
13	Special repair to Ellerslie main building at H.P Secretariat Chotta Shimla. (SH:- Providing and fixing sanitary fitting and other minor repair works in H.P Secretariat Chotta Shimla).	Rs.1,35,203/-	Rs.2710/-	One Month	6&8	350/-
14	A/R & M/O Armsdale building at H.P Secretariat Shimla. (SH:- Out side painting and distempering in phase-I and II of Armsdale building).	Rs.4,98,338/-	Rs.9970/-	One Month	6&8	350/-
15	A/R & M/O to various residential buildings under Division No.III Shimla. (SH:- Repair of Cupboards, painting and distempering etc. in block-I set no.9 at U.S Club Shimla).	Rs.1,95,596/-	Rs.3900/-	One Month	6&8	350/-
16	A/R & M/O to block No. 3 of set no. 1 to 4 at Barnes Court Shimla-2 (SH:- Construction of retaining wall at RD's 0/000 to 0/19.75 etc).	Rs.3,79,287/-	Rs.7590/-	One Month	6&8	350/-
17	Improvement of road from cart road to Mahamaya Cottage Km. 0/00 to 1/270. (SH:- C/O R/Wall at RD 0/226 to 0/236).	Rs.1,50,404/-	Rs.3100/-	One Month	6&8	350/-
18	Special repair to Raj Bhawan building at Shimla-2.(SH:- Providing water proofing treatment in garden area & lift well of Raj Bhawan etc).	Rs.2,63,543/-	Rs.5280/-	One Month	6&8	350/-
19	Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:- Raising of existing retaining wall to support path leading to parking etc. at RD's 0/026 to 0/035.2).	Rs.4,99,838/-	Rs.10,000/-	One Month	6&8	350/-
20	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Construction of Civil work for shifting of generator from Armsdale building ground to below electrical room etc).	Rs.1,18,123/-	Rs.2370/-	One Month	6&8	350/-
21	Special repair to Armsdale building at H.P Secretariat Chotta Shimla. (SH:- Providing and fixing wooden partition, paneling and flooring in Room No. A-322 etc).	Rs.2,20,925/-	Rs.4420/-	One Month	6&8	350/-
22	Special repair to GAD work shop at Majitha House Shimla-2(SH:- Providing and laying interlocking pavers and PVC flooring in workshop etc).	Rs.3,73,515/-	Rs.7480/-	One Month	6&8	350/-

23	Furnishing to various Minister Houses under Division No.-III Shimla. (SH:- Supplying and placing PVC Chair Minister House at Benmore Shimla.	Rs.1,22,500/-	Rs.2450/-	One Month	6&8	350/-
24	A/R & M/O to various residential as well as Non-residential building under Division No. III Shimla. (SH:- Repair of doors, white washing, PVC flooring, glass panes etc in camp office building at U.S Club Shimla.	Rs.1,35,106/-	Rs.2700/-	One Month	6&8	350/-
25	Restoration of rain damages at various residential buildings under Benmore Sub-Division Shimla. (SH:- Geological Investigation of soil/startu for stabilization/rehabilitation work).	Rs.2,72,000/-	Rs.5440/-	One Month	6&8	350/-
26	A/R & M/O to Ellerslie Main and Armsdale building at H.P Sectn. Shimla-2 (Sub Head :- Minor repair work in Ellerslie main and armsdale building etc).	Rs.4,97,601/-	Rs.9960/-	One Month	6&8	350/-

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

Terms & Conditions:-

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

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

Dated:- 10-9-21

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

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

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

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

17
18
20-9-2021

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 310175.00
Earnest Money Rs. :- 6250.00
Time:- One Month.

Work:- Special Repair to Bithal Bhai Bhawan at H.P. Vidhan Sabha Shimla. (SH:- Providing and fixing Eves board, Weather board, etc. in Bithal Bhai Bhawan and Tiles work in Fountain tank & near gate No. 6 etc.)

No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.45 Cum			Per Cubic metre	
2	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.69 Cum			Per Cubic metre	
3	Providing eaves board 200mm X 25mm 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.	40.05 Rmt.			Per Running metre	
4	Providing eaves board 300mm X 25mm 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.	64.90 Rmt.			Per Running metre	
5	Providing weather board 100mm X 25mm 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.	121.66 Rmt.			Per Running metre	
6	Providing and fixing plain square edged cover fillets (beading) 60mmx12mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts -1st class deodar wood.	121.66 Rmt.			Per running metre.	
7	Providing and fixing 25mm thick wooden plank ceiling with tongued and grooved jointing and wood screws (frame work and cover fillets to be measured and paid for separately) in 1st class deodar wood.	21.17 Sqm			Per square metre	
8	Providing and fixing 15cm wide 45cm overall semicircular plain G.I. sheet gutter with iron brackets 40mm x 3mm size bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design including carriage of materials within all leads and lifts:- 0.63mm thick sheet.	21.65 Rmt.			Per Running metre	
9	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking complete as per design including carriage of materials within all leads and lifts.	66.40 Sqm			Per square metre	

Dismantling tile work in floors and roofs laid in cement mortar including stacking material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- For thickness of tiles 10 mm to 25 mm	27.46 Sqm	Per square metre
Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer-in- charge:- Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.58 Cum	Per cubic metre
Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 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	0.58 Cum	Per cubic metre
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 including carriage of materials within all leads and lifts as per direction of Engineer-in- charge.	34.53 Sqm.	Per Square metre
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 skinning, 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 including carriage of materials within all leads and lifts as per direction of Engineer-in- charge.	11.98 Sqm.	Per Square metre
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.	8.32 Sqm.	Per Square metre
Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	8.32 Rmt.	Per running metre

Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc including carriage of materials within all leads and lifts as per direction of Engineer-in-charge:- 50mm nominal bore.	3.05 Sqm.	Per Square metre	
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.	1.00 No.	Each	
Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials within all leads and lifts as per direction of Engineer-in-charge:- 50mm nominal bore.	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 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

iii Deodar Wood will be issued by the department @ Rs 54 000 00 per cum only to the contractor.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 428307.00
 Earnest Money Rs. :- 8600.00
 Time:- One Month.

Work:- Improvement of road from Cart road to Annadale KM's 0/00 to 4/160. (SH:- Construction of PCC retaining wall at RD's 0/397 to 0/413.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	52.48 Cum			Per cubic metre	
	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.	7.20 Cum			Per cubic metre	
	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) :	84.08 Cum			Per Cubic metre	
	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	15.60 Cum			Per Cubic metre	
	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.	43.16 Rmt.			Per Running metre	
	Conditions:-				Total	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 254628.00
Earnest Money Rs. :- 5100.00
Time :- One Month.

of work :- Special Repair to Annadale View building at Chaura Maidan Shimla. (SH :- Providing and fixing Polycarbonate sheet roofing and renovation of room etc.)

o.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
	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, including carriage of materials within all leads and lifts :- All kinds of soil.	0.45 Cum.			Per cubic metre.	
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts.	0.58 Cum.			Per cubic metre.	
	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position 2nd class deodar wood including carriage of materials within all leads and lifts.	0.58 Cum.			Per cubic metre.	
	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws :- (I) 35mm thick 2nd class deodar wood including carriage of materials within all leads and lifts.	2.81 Sqm.			Per square metre.	
	(ii) 45mm thick 2nd class deodar wood including carriage of materials within all leads and lifts.	4.37 Sqm.			Per square metre.	
	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position in 2nd class Kail wood including carriage of materials within all leads and lifts.	0.03 Cum.			Per cubic metre.	
	Providing and fixing 45mm thick wire gauge shutters using galvanised M.S. wire gauge of 1.8 gauge designation 85G with wire of dia 0.56mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	1.64 Sqm			Per square metre.	
	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 5.5 mm thick glass panes complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	16.71 Sqm			Per square metre.	

8	Providing and fixing 20 mm thick wooden plank ceiling with planks over lapping each other and jointed with wood screws (frame work to be paid for separately) 1st class deodar wood complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge	1.05 Sqm	Per square metre.
9	Providing eaves board 200mm X 25mm 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	3.00 Rmt.	Per Running metre
10	Providing and fixing plain square edged cover fillets (beading) 60mmx12mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts:- 1st class kail wood	3.00 Rmt	Per running metre.
11	Providing and fixing corner moulding (beading) 40mm X 25mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts - 1st class deodar wood	171.31 Rmt.	Per running metre.
12	Providing and fixing 150mm x 10mm size aluminium lower bolts ISI marked, anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade, with necessary screws etc. including carriage of materials within all leads and lifts.	8.00 No	Each.
13	Providing and fixing 100 mm size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts	4.00 No	Each.
14	Providing and fixing oxidized brass hooks and eyes 200mm size complete including carriage of materials within all leads and lifts.	4.00 No.	Each
15	Providing and fixing 200mm x 10mm size bright finished brass tower bolts (barrel type) with necessary screws etc complete including carriage of materials within all leads and lifts.	10.00 No.	Each
16	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	5.00 No.	Each
17	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.	918.08 Kgs	Per Kilogramme
18	Providing and fixing unplasticised PVC pipe clips of approved design to unplasticised PVC rain water pipes by means of 50 x 50 x 50mm hard wood plugs, screwed with M 5. 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 including carriage of materials within all leads and lifts.	2.45 Rmt.	Per running metre.

19	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for 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) 110 mm bend	3.00 No.	Each
(ii)	Clamps 110mm.	3.00 No.	Each
20	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel roving incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured. They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866. The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified - 2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2" or 3" or 6") as specified complete including carriage of materials within all leads and lifts	20.10 No.	Each
21	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	11.62 Sqm	Per square metre
22	Applying priming coat With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including carriage of materials within all leads and lifts.	24.40 Sqm	Per square metre
23	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 @ 0.60 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts	49.53 Sqm	Per square metre
24	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts	37.82 Sqm	Per square metre
25	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture including carriage of materials within all leads and lifts	37.82 Sqm	Per square metre
26	Providing and fixing 6 mm thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts	2.88 Sqm	Per square metre
27	Providing and fixing Eas Eas 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	10.94 Rmt	Per running metre

8	Dismantling doors, windows and clerestory windows steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 sq. metres and below complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge	3.00 No.	Each
9	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area 3 sq. metres and below complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge	1.00 No.	Each
30	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge	244.72 Kgs	Per Kilogramme
31	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 complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	4.29 Sqm	Per square metre
Conditions:-		Total	

i) Rates should be quoted for all items including all leads and lifts for internal and external works

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

iii) Deodar wood will be issued by the department @ Rs 54 000 00 per cum only to the contractor.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 112856.00
 Earnest Money Rs. :- 2260 00
 Time:- One Month.

Name of work: - Special repair to Yojna Bhawan building at H.P. Secretariat Chotta Shimla. (SH:- Providing and fixing Cup Board and Side rack in Room No. 104 and Minor repair works in Library etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 6mm thick commercial ply wood in ceiling/ flooring/ wall lining of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) including carriage of materials within all leads and lifts.	10.80 Sqm			Per square metre.	
2	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc complete including carriage of materials in all leads and lifts	27.36 Sqm			Per square metre.	
3	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.	18.10 Sqm			Per square metre.	
4	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	18.10 Sqm			Per square metre.	
5	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	28.00 No.			Each	
6	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	28.00 No.			Each	
7	Providing and fixing moulded corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete in 1st class deodar wood including carriage of materials in all leads and lifts.	450.00 Rmt.			Per running metre.	
8	Applying one or more coat of paint based putty made of whitening and POP etc. mixed in required quantity of white enamel paint for application of wood based products after thoroughly brushing thr: surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	65.52 Sqm			Per square metre	
9	Painting two coat (excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering and stoping including carriage of materials within all leads and lifts in With white enamel paint.	65.52 Sqm.			Per square metre.	
	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 Rs. :- 425980.00
 Earnest Money Rs. :- 8520.00
 Time - One Month.

ame of work: - Special repair to Armsdale building at H.P. Secretariat Chotta Shimla. (SH:- Construction of edge/ Breast wall in exit side of Armsdale building below generator set etc.)

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 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, complete including carriage of material within all leads and lifts :- All kinds of soil.	32.40 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 in 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of material within all leads and lifts.	4.50 Cum			Per cubic metre	
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with Cement mortar 1:6 (1 cement : 6 coarse sand) complete including carriage of material within all leads and lifts.	72.00 Cum			Per cubic metre	
4	Stone filling behind retaining wall per H.P. PWD specification 1990 Volume - I and as per direction of the Engineer-in charge.	27.00 Cum			Per square metre.	
					Total	

Conditions:-

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 394509.00
 Earnest Money Rs. :- 7900.00
 Time :- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Shimla-2.(SH: -Providing paneling in front side of Library at Armsdale Building.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.including fixing complete with carriage of material within all leads and lifts as per the direction of the Engineer-in-Charge.-Sal wood	0.59 Cum			Per cubic metre	
2	Providing and fixing 12mm thick ply wood lining with butt jointing and nails (frame work and cove filets to be measured and paid for separately) including carriage of materials in all leads and lifts.	173.91 Sqm			Per square metre.	
3	Providing and fixing 4mm thick teak ply in lining with butt jointing and nails complete including carriage of materials in all leads and lifts.	173.91 Sqm			Per square metre.	
4	Providing and fixing moulding i/c mitring the junctions with hard screws and nails complete in first class teak wood 20mm x 20mm size complete including carriage of materials in all lead and lifts.	394.40 Rml			Per running metre.	
5	Providing and fixing 40mm x 40mm in first class teak wood corner i/c mitring the junctions with hard screws and nails complete including carriage of materials in all lead and lifts.	95.40 Rml			Per running metre.	
6	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	3.00 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						
					TOTAL	

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 455914.00
Earnest Money Rs. :- 9120.00

Time :- One Month.

Name of work:-Special repair to Flowery Culture, Directorate of Horticulture building at Navbahar Shimla-2 (SH: -Providing & fixing wood work, F YC flooring & Chequered tiles, flooring, painting & distempering & dismantling of RCC. shelves etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) including carriage of materials within all leads and lifts.	2.66 Cum			Per cubic meter.	
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable materials within all leads & lifts as per direction of Engineer-in-charge.	4.25 Cum			Per Cubic meter	
3	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work. including carriage of materials within all leads and lifts.	425.00 Kg.			Per Kilogramme.	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable materials within all leads & lifts as per direction of Engineer-in-charge	4.14 Cum			Per Cubic meter	
5	In cement mortar Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured) From brick work in cement mortar including carriage of materials within all leads and lifts.	777.00 Nos.			Per 1000 Nos	
6	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.	1.87 Cum			Per cubic meter.	
7	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.124 Cum			Per Cubic meter	
8	Providing and fixing 35 mm thick panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge Butt hinges and necessary screws shall be paid separately) including carriage of materials within all leads and lifts.	1.80 Sqm			Per square meter	
9	Providing and fixing heavy float glass panes 5.5mm thick including carriage of materials within all leads and lifts.	4.80 Sqm			Per square meter	
10	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size including carriage of materials within all leads and lifts.	8.00 Nos.			Each	
11	Providing and fixing flat pressed 3 layer pre-laminated particle board medium density exterior goulting 12mm thick including carriage of materials within all leads and lifts.	14.09 Sqm			Per square meter	
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 openings /wooden frames with rawl plugs screws etc including carriage of materials within all leads and lifts.	131.04 Kg			Per Kilogramme	
13	Providing and Fixing bright finished brass lower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts. 150X10mm.	2.00 Nos.			Each	
14	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete including carriage of materials in all leads and lifts.	1.00 No.			Each	
15	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts. 125mm.	2.00 No.			Each	

SCHEDULE OF QUANTITY

Estimated cost - 366530 00
 Earnest Money - 7330 00
 Time :- One Month

Work:- Special repair to residential building C-7 occupied by SH. Rajeev Bhardwaj District & Session Judge at Bemloe Shimla. (Providing and fixing sheet roofing etc.)

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2	3	4	5	6	
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	143.08 Sqmtr			Per square metre.	
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 (5.5 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. Make Tata Durashine	157.72 Sqmtr			Per square metre	
Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : i) Ridges plain (500 - 600mm)	20.00 Sqm.			Per square metre	
Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete. 1.60 mm thick with zinc coating not less than 350 gm/m ² . including carriage of materials within all leads and lifts.	20.00 Rmtr			Per running metre.	
Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :	9.00 Rmtr			Per running metre.	
Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position complete including carriage of materials within all leads and lifts :-2nd class deodar wood.	1.84 Cum			Per cubic metre	

Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade .New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	179.80 Sqm.	Per square metre.	Total:-
--	-------------	-------------------	---------

CONDITION

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

Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before

Credit for Useful C.G.I sheet Chargable/deducted from contractor For qty 143.08 sqmtr @ Rs165 per sqmtr


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

SCHEDULE OF QUANTITY

Estimated cost - 107379.00
Earnest Money - 2150.00

Time - One Month.

Work:- Special Repair to Various residential buildings under division No.III Shimla (SH):-Providing and Fixing Mattress, pillow, Foot matt etc in M.H-4,5 at Benmore

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2	3	4	5	6	
Providing and fixing at site standard size and quality CORFOM brand Model Dr Bond orthopaedic back support mattress with in all leads and lifts including carriage of material and as per the direction of the Engineer-in-Charge.(a) Mattress Size 75"x36"x4"	1.00 Pair			Each	
Providing and supplying 17"x27" coir foam pillow of approved quality/materials complete as per the satisfaction of Engineer-in-Charge including carriage of materials within all leads and lifts.	3.00 No			Each	
Supplying and fixing curtains of superior quality/fabric of D-Decore make including quality of cloth, design and shade etc. with 3 No. eye lid ring in each curtain, curtain should having 6.5" bottom fold and 4" top fold stitched together complete having 2 20 to 2 40 metres stitched length including carriage of material with in all leads and lifts.	4.00 No.			Each	
Supplying and fixing curtains of superior quality/fabric of D-Decore make including quality of cloth, design and shade etc. with 3 No. eye lid ring in each curtain, curtain should having 6.5" bottom fold and 4" top fold stitched together complete having 2 50 to 2 70 metres stitched length including carriage of material with in all leads and lifts.	8.00 No			Each	
Supplying and fixing curtains of superior quality/fabric of D-Decore make including quality of cloth, design and shade etc. with 3 No. eye lid ring in each curtain, curtain should having 6.5" bottom fold and 4" top fold stitched together complete having 2 00 to 2 10 metres stitched length including carriage of material with in all leads and lifts.	11 00 No.			Each	
Supplying and placing at site PVC coir door foot matt of superior quality of standard size 36"x24" and of approved colour/shade complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts	5.00 No			Each	
Supplying and placing at site PVC coir door foot matt of superior quality of standard size 30"x20" and of approved colour/shade complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts.	6.00 No			Each	
Supplying and placing at site door foot matt of tufted carpet superior quality of standard size 36"x24" and of approved colour/shade complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts.	7.00 No			Each	
Supplying and placing at site door foot matt of duro tuft green grass, superior quality of standard size and of approved colour/shade complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts (i) 8'-6"x4' 1'x3'-5" size.	1 00 No			Each	
Supplying and placing at site door foot matt of artificial green grass, superior quality of standard size 3'-4"x6'-5" and of approved colour/shade complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts	2.00 No			Each	
	3 00 No			Each	
	1.00 No			Each	
TOTAL					

CONDITION

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

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

Executive Engineer

Shimla Division NO.III.

HP.PWD Shimla-171003

9

of work -A/R and M/O various residential Buildings Under Division no.III Shimla. (SH:- Furnishing to Minister House No -3 at Benmore Shimla,

NO.	Sub-Head/Item of work.	Qty.	In Figures.	Rate In Words	Unit.	Amount.
	2	3	4	5	6	
	Providing and Fixing non woven carpet weight 900gm/sqmt and Thickness 5mm tolerance (+10% including laying at stains with SR & carriage of materials in all leads and lifts	9.39 Sqm.			Per square metre.	
	Supplying and Fixing of wilton woven carpet 100% solution dyed synthetic carpet 2600 gm/ sqmt is pile height 10mm-11mm thk 1600 dtex & density of carpet is 1008000 pts/sqmt complete including cost of materials and as per the direction of Engineer -in -Charge.	27.31 Sqm.			Per square metre.	
					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. :- 145485.00
 Earnest Money Rs. :- 2950.00
 Time:- One Month.

Work:- Special Repair to Udyog Bhawan premises of Advocate general office near High Court Shimla. (SH:- Repair of Plaster, Painting and tempering in basement 1 & 2 of Udyog Bhawan near High Court Shimla.)

No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Repairs to plaster in patches of 2.50 Square metre and under and 10mm to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground in cement Mortar 1:6 (1 cement:6 sand) including carriage of materials within all leads and lifts.	94.29 Sqm			Per square metre	
2	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of material in all leads and lifts:- With enamel paint other than white.	114.59 Sqm.			Per square metre.	
3	Extra over every subsequent coat of paint on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of material in all leads and lifts:- With enamel paint other than white.	45.84 Sqm.			Per square metre.	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of material in all leads and lifts:- With white enamel paint.	711.80 Sqm.			Per square metre.	
5	Extra over every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of material in all leads and lifts:-With white enamel paint	284.72 Sqm.			Per square metre.	
6	Wall painting (one coat) with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth including carriage of material in all leads and lifts.	2096.49 Sqm.			Per square metre.	
7	Extra over every subsequent coat of wall painting with plastic emulsion paint of approved brand and manufacture on decorated wall surface including carriage of materials in all leads and lifts.	838.60 Sqm.			Per square metre.	
8	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of material in all leads and lifts.	838.60 Sqm			Per square metre.	

Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters and papered smooth to give final matter finish to the surface:: complete including carriage of materials within all leads and lifts.	838.60 Sqm	Per square metre.
Conditions:-		Total

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 265740.00
 Earnest Money Rs. :- 5320.00
 Time:- One Month.

Work:- Special Repair to Annisdale Building at HP Secretariat Chotta Shimla. (SH:- Providing and fixing Wooden Partition, Paneling, Flooring and sanitary fitting room No. A-120 etc.)

S. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing wood work in frames of false ceiling and partitions etc. sawn and put up in position including carriage of materials in all leads and lifts:- Second class deodar wood.	0.12 Cum			Per Cubic metre	
2	Providing and fixing 12mm thick commercial ply wood lining etc. with butt jointing and nails (frame work and cove filets to be measured and paid for separately) including carriage of materials in all leads and lifts.	100.71 Sqm			Per square metre.	
3	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts	100.71 Sqm			Per square metre.	
4	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expanded polystyrene foam plus 100 Microne thick polystyrene 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	12.25 Sqm			Per square metre.	
5	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.	9.32 Sqm			Per square metre.	
6	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	2.62 Sqm			Per square metre.	
7	Providing and fixing hard wood corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	48.90 Rmt.			Per running metre.	
8	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	6.00 No.			Each	
9	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	6.00 No.			Each	
10	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (Indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	3.00 No.			Each	
11	Providing and fixing bright finished hydraulic door closer of superior class (confirming to bureau of Indian Standards) Godrej make with screws etc. complete including carriage of materials in all leads and lifts.	4.00 No.			Each	
12	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS C-204.	8.00 No.			Each	
13	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:-ESS ESS C-202B.	4.00 No.			Each	

Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series Cat No. AC-607	2.00 No.	Each	
Providing and fixing Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of Indian standard) in single length with out any joint complete with finnal for curtains for sides of rod etc. including carriage of material within all leads and lifts- fency Type curtain Rod.	19 20 Rmt.	Per Running metre.	
Providing and fixing Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	12 00 No.	Per Running metre.	
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 and as per the direction of the Engineer-in-Charge.	124 59 Sqm	Per square metre.	
Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including carriage of materials within all leads and lifts	117.11 Sqm	Per square metre.	
Conditions:-		Total	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 135203.00
 Earnest Money Rs. :- 2710.00
 Time:- One Month.

Name of work:- Special repair to Eilerslie main building at H.P. Secretariat Chotta Shimla. (SH):- Providing and fixing sanitary fitting and other minor repair works in H.P. Secretariat Chotta Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 15mm dia single lever basin mixer with out popup waste with 450mm long braided hoses including connection fitting in all respect complete including carriage of materials within all leads and lifts. - Jaquar cat No. ORP-CHR-10011BPM.	13.00 No.			Each	
2	Providing and fixing 10.00 liter capacity PVC low level flushing cistern Hind ware sleek ultra of size 42 X 39 X 14cm or equivalent with a pair of brackets with fittings such as lead valve syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all leads and lifts.	6.00 No.			Each	
3	Providing and fixing 200ml soap dispenser of VIKING or equivalent with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	12.00 No.			Each	
4	Providing and fixing Hand dreyer of standard quality complete with fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts.	4.00 No			Each	
5	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series AC-607.	10.00 No.			Each	
6	Providing and fixing bright finished hydraulic door closer of superior class (confirming to bureau of Indian Standards) Godrej make with screws etc. complete including carriage of materials in all leads and lifts.	14.00 No.			Each	
7	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS C-204.	4.00 No.			Each	
8	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore.	10.00 No.			Each	
9	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary - Plain Glass 500mm thick including carriage of materials in all leads and lifts.	6.29 Sqm			Per square metre.	
10	Providing and fixing Ess Ess make Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of Indian standard) in single length with out any joint complete including carriage of material within all leads and lifts. - fency Type curtain Rod.	19.20 Rmt			Per Running metre	
11	Providing and fixing Ess Ess make Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	12.00 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. P.W.D. Shimla-3.

SCHEDULE OF QUANTITY

Estimated cost - 195596.00

Earnest Money - 3900.00

Time :- One Month

Name of Work :- A/R and M/O to various residential buildings under division No.III Shimla. (SH)-Repair of cupboards, painting and distemping etc. in
ck I set No.9 at U.S Club Shimla.

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount
		In Figures.	In Words		
2	3	4	5	6	
Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	17.24	Sqmr		Per Sqmr metre	
Providing and fixing 19 mm thick commercial board water proof shutter for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of material in all leads and lifts	24.51	Sqmr		Per Sqmr metre	
Providing and fixing 19 mm thick commercial board water proof in shelves. lining. box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	48.15	Sqmr		Per Sqmr metre	
Providing and fixing 1.0mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	31.67	Sqmr		Per Sqmr metre	
110mm dia.	24.30	Rmtr		Per running metre	
75mm dia.	18.90	Rmtr		Per running metre	
Providing and fixing high pressure PVC Finolex off set (45 degree) ISI marked including fixing with approved adhesive etc complete including carriage of materials within all leads and lifts:- (i) 150 mm dia.	10.00	No		Each	
110mm dia.	9.00	No		Each	
75mm dia.	3.00	No		Each	
Providing and fixing PVC finolex type "B" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-	15.00	No		Each	
150mm dia					
110mm dia.	12.00	No		Each	
75mm dia.	6.00	No		Each	
Providing and fixing PVC finolex plain double equal branch ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 150mm dia	3.00	No		Each	
10mm dia					
5mm dia.	5.00	No		Each	
	3.00	No		Each	

Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	41.56	Rmt	Per running meter Each
Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm.	27.00	No	
Providing and fixing magnetic catcher of approved quality in cupboard / wardrobe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	27.00	No	Each
Providing and applying white wood based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	138.05	Sqmtr	Per Sqmtr metre
Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work, (hard and soft wood) having VOC content less than 50 grams/ litre.	138.05	Sqm	Per Square metre
Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	138.05	Sqm	Per Square metre
			Total:-

CONDITION

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

Sample of all the material to be used on work shall be got approved from the Engineer-in-Charge in advance

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

[Signature]

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 379287.00
Earnest Money Rs. :- 7590.00

Time :- One Month.

Name of work:- A/R & M/O to block No. 3 of Set No. 1 to 4 at Branes Court Shimla-2 (SH:-Construction of retaining wall at RDs. 0/000 to 0/19.75 etc)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Cutting in earth work in all heights / depths and in all kinds of soil such as kankar, moorum, shingle and decomposed or soft rock and hard rock including their intermediate classification and chiselling / wedging out rock where blasting is prohibited including saturated soil and filling in embankment etc. where necessary and disposal of all excavated un serviceable materials in all leads and lifts including through mechanical transportation, the disposal of unserviceable materials will be done in acquired width of the road or on approved dumping site.	44.43 Cum			Per Cubic meter	
2	Excavation in earth work in all kinds of soils including spade work, saturated soil, pick work, jumper work, blasting and chiselling / wedging out rock etc and pumping or bailing out water including dressing of side and beds and stacking of serviceable materials and disposal of surplus earth in all leads and disposed earth to the levelled and neatly dressed.	20.88 Cum			Per Cubic meter	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	5.93 Cum			Per Cubic meter	
4	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. including carriage of materials within all leads and lifts.	59.25 Sqm			Per square meter	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 25 mm nominal size) including carriage of materials within all leads and lifts.	71.20 Cum			Per cubic meter.	
6	Providing weepholes in brick masonry/stone masonry, plain/ reinforced concrete abutment, wing wall return wall with 100 mm 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.	77.00 Rmt.			Per running metre.	
CONDITION:-					Total:-	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 263543.00
Earnest Money Rs. :- 5280.00

Time : One Month.

Name of work:- Special repair to Raj Bhawan Building at Shimla-2. {SH:- Providing water proofing treatment in garden area & lift well of Raj Bhawan etc}.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Supplying, drilling & fixing packers 13mmx100mm at gap of 1.0 ft-1.5 ft. in Zig-Zag manner along the structural cracks by setting compound Method for injecting PU GROUT material (8" to 12" thickness RCC) Providing and jacking C), including all required tools and tackles, equipment - drilling machine, at locations as directed by engineer-in-charge. Providing and injecting Foaming PU GROUT on average consumption of 450 ml per packer for 8" - 12" thick concrete/Wall in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	52.00 Nos.			Each	
2	Preparing the surface to receive waterproofing treatment by making surface ready to receive more water proofing treatment. Cleaning the surface with wire brushes to clean, smooth & dry surface, free of any loose particles/reinforcement bars/debris etc. Providing and applying base coat on primer coat as per site requirement and complete in all respect including all leads, lifts and carriage of material a site as directed by the Engineer in-charge allowing drying gap between successive coats. Providing and applying two final coats if elastomeric liquid applied Polyurethane membrane Multithane BK on the prepared surface as per the site requirement and complete in all respect including all leads, lifts and carriage of material at the site as directed by the Engineer-in-Charge allowing drying gap between successive coats.	114.38 Sqm.			Per square meter	
3	Providing in RCC work smooth finishing of the exposed surface with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials within all leads and lifts	114.38 Sqm			Per Square meter	
CONDITION:-					Total:-	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cos: Rs. :- 499838.00
 Earnest Money Rs. :- 10000.00
 Time:- One Month.

Work:- Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:- Raising of existing retaining wall to support path leading to Parking at RD's 0/026 to 0/035.2.)

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 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts:- All kinds of soil.	40.11 Cum.			Per cubic metre.	
2	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	36.66 Cum			Per Cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	3.31 Cum			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 cement : 3 coarse sand) : 6graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	66.91 Cum.			Per cubic metre.	
5	Random rubble masonry with hard stone in foundation and plinth upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	21.90 Cum			Per Cubic metre	
6	Back filling behind retaining walls complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	11.04 Cum			Per cubic metre	
7	Providing weep holes in brick masonry/stone masonry/plain concrete/ reinforced concrete, abutment, wing walls with 100mm dia PVC pipe extending through the full length with of the structure with the slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specifications complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	26.45 Rmt.			Per Running metre	

8	Disposal of moorum/ building rubbish/ maiba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for, lead upto 10kms for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	76.77 Cum			Per Cubic metre	
Conditions:-						Total

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 118123.00
 Earnest Money Rs. :- 2370.00
 Time:- One Month.

Work of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH) - Construction of Civil work for shifting of generator from Armsdale building und to below electrical room etc.)

No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50m, including getting out the excavated soil and disposal of surplus excavated soil including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge. All kinds of soil	8.31 Cum			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge:- 1:5:10 (1 cement : 5 coarse sand); 10graded stone aggregate 40mm nominal size)	4.99 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 including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge:- 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size)	3.32 Cum			Per cubic metre	
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.50 in foundation and plinth in in Cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge	1.04 Cum			Per cubic metre	
5	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.	295.20 Kg.			Per kilogramme	
6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.50cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters complete including carriage of materials within all leads and lifts:- 80mm x 0.90mm M.S. laths with 0.90mm thick top cover.	16.74 Sqm			Per square metre.	
7	Providing and fixing ball bearing for rolling shutters complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
8	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 complete including carriage of materials within all leads and lifts.	8.31 Cum			Per cubic metre	
	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 Rs. :- 220925.00
 Earnest Money Rs. :- 4420.00
 Time:- One Month.

Work of work: - Special Repair to Armsdale Building at HP Secretariat Chotta Shimla. (SH) :- Providing and fixing Wooden Partition, Paneling and Flooring in Room No. A-322

S. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing wood work in frames of false ceiling and partitions etc. sawn and put up in position including carriage of materials in all leads and lifts:- Second class deodar wood.	0.12 Cum			Per Cubic metre	
2	Providing and fixing 12mm thick commercial ply wood lining etc. with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	76.23 Sqm			Per square metre.	
3	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	76.23 Sqm			Per square metre.	
4	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	9.32 Sqm			Per square metre.	
5	Providing and fixing 19mm thick commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	2.62 Sqm			Per square metre.	
6	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expanded polystyrene foam plus 100 Microne thick polystyrene 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.	22.97 Sqm			Per square metre	
7	Providing and fixing hard wood corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	39.80 Rmt.			Per running metre.	
8	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	6.00 No.			Each	
9	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	6.00 No.			Each	
10	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (Indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	2.00 No.			Each	
11	Providing and fixing 250mm X 16mm size bright finished brass sliding door-bolts with nuts and screws etc. complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
12	Providing fixing 200mm X 10mm bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
13	Providing and fixing Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of Indian standards) in single length with out any joint complete with finial for curtains for sides of rod etc. including carriage of material within all leads and lifts:- fancy Type curtain Rod.	16.00 Rmt.			Per Running metre.	

14	Providing and fixing Curtain brackets etc. fitting complete including carriage of material within all leads and lifts.	15.00 No.	Per Running metre.
15	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts: ESS ESS C-204	6.00 No.	Each
16	Providing and laying granite stone in flooring 25mm (average) thickness base of cement mortar 1:3 (Cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts in 25mm thick.	0.90 Sqm	Per square metre.
17	Extra for making moulded nosing in granite stone including returned moulded ends and angles to mouldings complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.50 Rmt.	Per running metre.
18	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- ESS ESS Trend series Cat No. AC-607.	3.00 No.	Each
19	Polishing one or more coats with malamine polish of required shade on prepolished wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	76.23 Sqm	Per square metre.
20	Applying one or more coat of paint based putty made of whitening and POP etc mixed in required quantity of white enamel paint for application of wood based products after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	45.97 Sqm	Per square metre.
21	Distemping (one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts.	114.92 Sqm.	Per square metre.
22	Extra over every sub sequent coat of distemping with oil bound washable distemper of approved brand and manufacture including carriage of materials in all leads and lifts.	45.97 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.

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 373515.00
 Earnest Money Rs. :- 7480.00
 Time:- One Month.

Item of work:- Special Repair to GAD Work shop at Majitha House Shimla-2.(SH:- Providing and laying interlocking pavers and PVC flooring in workshop etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and laying cement concrete 1:2:4 (1 cement:2 Sand:4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth including carriage of material within all leads and lifts.	13.35 Cum			Per Cubic metre	
2	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M- 50 grade i/c border or curb 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 & polishing complete (Sub base concrete floor to be paid for 60mm thick inter locking blocks	133.48 Sqm			Per square metre.	
3	Providing and fixing 9mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	43.17 Sqm			Per square metre.	
4	Providing and fixing 1.50mm thick PVC / rubber tiles flooring of LG make or equivalent plain, coloured, carbed or mosaic or mottled finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of material within all leads and lifts.	43.17 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.

③

Work: Furnishing to Various Minister Houses under Division No-III Shimla. (SH):- Supplying and Placing PVC Chair in Minister House at Benmore Shimla.

Sl. No.	Sub-Head/Item of work.	Qty.	Rate In Figures.	Rate In Words	Unit.	Amount.
2	Providing and Placing in position cushioned seat and back PVC superior quality office chair (Supreme) ornate premium modern plastic chair made of 100% virgen polymers with leaqueure finish surface with seat and back cushion designer febric velvet uphoistering approved design and shade including carriage of materials within all leads and lifts.	3	4	5	6	
		35.00			Each	
					Total	

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

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

248

SCHEDULE OF QUANTITY

Estimated cost:- 135106.00
 Earnest Money:- 2700.00
 Time :- One Month.

of Work:- A/R and M/O to Various residential as well as Non- Residential buildings Under Division No. III Shimla. (SH:- Repair of doors, white washing, flooring, glass Panes etc in Camp Office building at U.S Club Shimla.

Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
2 Demolishing cement concrete manually by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete : 1 : 4 : 8 or leaner mix (if/c equivalent design mix)	3 8.58 Cum.	4	5	6 Per cubic metre	
Providing and laying spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness hand packing/rolling to proper grade and camber applying and brooming, stone screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 404, including carriage of materials within all leads and lifts.	8.58 Cum.			Per cubic metre	
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size).	4.29 Cum.			Per cubic metre	
Precast plain chequered tiles hydraulic compressed 22 mm thick laid in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (1 cement : 6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) complete with tiles of medium shades including carriage of materials within all leads and lifts.	85.80 Sqm.			Per square metre.	
				Total :-	

CONDITION

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

Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance

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

25

SCHEDULE OF QUANTITY

Estimated cost:- 272000.00
Earnest Money - 5440.00
Time - One Month.

of work:- Restoration of rain damages at various residential buildings under Benmore sub-division Shimla. (SH:-Geological Investigation of soil/strta for zation/ rehabilitation work)

Sub-Head/Item of work.	Qty.	In Figures.	Rate In Words	Unit.	Amount.
2 Sub soil investigation in all type of soil/ starta by drilling bore holes of NX size (75 mm diameter) ranging from 10 metre or above in depth for investigating of soilrock conditions at site of work including mobilization and de-mobilization, shifting of machinery to bore site, making platform and water arrangement for drilling etc. The scope of work includes collection of disturbed and undisturbed core samples, plugging of bore holes, preservation of core samples including relevant fields and laboratory tests and submission of geological report of complex site of work as per the direction of Engineer-in-charge including carriage of materials in all leads and lifts.	3 40.00 Rmt.	4	5	6 Per running metre	

Executive Engineer
Shimla Division NO.III.
HP RWD, Shimla-171003
[Signature]

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 497601.00
 Earnest Money Rs. :- 9960.00
 Time :- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) Second class deodar wood 35 mm thick shutters.	43.64 Sqm			Per square metre	
2	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 10mm gap for thermal expansion including carriage of materials within all leads and lifts as per direction of Engineer-in-charge:- (i) Single socketed pipes. 110 mm diameter.	146.60 Rmt			Per running metre	
3	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 as per direction of Engineer-in-charge. 10 litre capacity - White	5.00 No.			Each	
4	Providing and fixing 15mm dia C.P. brass Angle cock complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge :- Jeguar cat No. APR-ESS-101053	18.00 No.			Each	
5	Providing and fixing 32mm dia C.P. waste for wash basin or sink complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	4.00 No.			Each	
6	Providing and fixing bright finished hydraulic door closer of Godrej make or equivalent with screws etc. complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	14.00 No.			Each	
7	Providing and fixing fancy type Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of Indian standard) in single/ specified length with out any joint and fitting complete as per H.P.P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	70.40 Rmt.			Per running metre	
8	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (Indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. Godrej No. 6757.	10.00 No.			Each	
9	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	36.00 No.			Each	

ne of work: -A/R and M/O to Ellerslie Main and Armsdale Building at HP Sectt. Shimla-2(Sub Head: - Minor Repair work in Ellerslie Main and Armsdale Building etc.)

10	Providing and fixing 200mmx10mm size aluminium lower bolts (berrel type) anodized in its parent or dyed to required shade and colour with screws etc. complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	36.00 No.	Each	
11	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary:- Plain Glass 5mm thick complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	25.67 Sqm	Per square metre	
12	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge :- ESS ESS Trend series AC-307.	9.00 No.	Each	
13	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete in all leads and lifts including carriage of material and as per the direction of the Engineer-in-Charge.	121.40 Sqm	Per square metre	
14	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coats applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	121.40 Sqm	Per square metre	
15	Polishing one 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 within all leads and lifts as per direction of Engineer-in-charge.	695.37 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 conform to bureau of Indian standards.

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