

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2021-22- 31284
To

Dated:- 2-3-2022

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. IIP.PWD. Shimla-3 on behalf of the Governor of I.P. for the following works from the eligible Contractors/Firms enlisted in IIP.PWD, so as to reach in his office on or before **15-03-2022** up to **10.30 A.M.** and will be opened on the same day at **11.00 A.M.** in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from against cash payment (non-refundable) on any working day up to 5.00 P.M. on **14-03-2022** and the application for issue of tender form shall be received on the same day i.e. **14-03-2022** up to **12.00 P.M.**

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Cost form	Form No
1	A/R & M/O road from cart road to Annadale road 0/00 to 4/160, (SII:- C/O PCC retaining wall at RD 0/413 to RD 0/416.80 KM).	Rs.1,28,818/-	Rs.2576/-	One Month	350 -	6&8
2	S/R to various residential buildings under Shimla Division No. III (SII:- Miscellaneous work in Bunglow No. 6 (Ground Floor) at Harvington Estate Shimla-I).	Rs.2,43,640/-	Rs.4900/-	One Month	350 -	6&8
3	S/R to block No. 44 type-IV' qtrs at New Shimla (SII:- Providing and Fixing P/C flooring of set No 820,823,825,826, & 833).	Rs.2,14,250/-	Rs.4800/-	One Month	350 -	6&8
4	S/R to Armsdale building at IIP Secretariat Shimla-2 (SII:- Providing cup board, aluminum work and painting and polishing in pantry attached to confrance hal at 6 th floor phase-I).	Rs.3,63,240/-	Rs.7270/-	One Month	350 -	6&8
5	S/R to various residential building under Shimla division No. III Shimla (SII:- Providing and fixing cup board, pine wood paneling and sanitary fitting etc. In ellerslie lodge type-VI Chotta Shimla).	Rs.3,63,439/-	Rs.7270/-	One Month	350 -	6&8
6	A/R & M/O road from cart road to Annadale Km's 0/00 to 4/160 (SII:- Strengthening of berm at RD 0/703, 8/895, 0/910, 0/480.50 to 0/510, 0/986, 0/961, 1/385, 1/400, 1/418).	Rs.2,65,473/-	Rs.5310/-	One Month	350 -	6&8
7	A/R & M/O various residential buildings under Shimla Division No. III (SII:- Providing & Fixing polycarbonate sheet of cover front courtyard in front side of block -35 B) at Nabha Estate Shimla.	Rs.4,84,905/-	Rs.9700/-	One Month	350 -	6&8
8	A/R & M/O non residential building under Shimla Division No. III (SII:- Repair of roof, gutter & partition wal above van shoba etc at Raj Bhawan Shimla).	Rs.3,65,569/-	Rs.7350/-	One Month	350 -	6&8
9	A/R & M/O various Non residential buildings under Shimla Division No. III (SII:- Construction of temporary shed near gate) at IGMCS Shimla.	Rs.1,97,556/-	Rs.4000/-	One Month	350 -	6&8
10	A/R & M/O non residential building under Shimla Division No. III (SII:- Providign & Fixing cupboards (back porch & fire place wall side) in library (vyas) and book almirah in Governor's at Raj bhawan Shimla).	Rs.1,69,741/-	Rs.3400/-	One Month	350 -	6&8
11	S/R to various residential building under Shimla division No. III Shimla (SII:- Providing and fixing cup board, pine wood paneling and sanitary fitting etc in Ellerslie lodge type-VI chotta Shimla).	Rs.3,63,439/-	Rs.7270/-	One Month	350 -	6&8
12	A/R & M/O non residential Building under Shimla Division No. III (SII:- Construction of sentry post near main gate & painting of flower beds at Raj Bhawan Shimla).	Rs.1,36,348/-	Rs.2750/-	One Month	350 -	6&8
13	A/R & M/O various residential buildings under Shimla Division No. III (SII:- Providing & fixing tiles, marble, ceiling, lining, painting and sanitary fittings in block No. F-III 49, E-III 38, I-II 63) at Nabha Estate Shimla.	Rs.2,12,195/-	Rs.4250/-	One Month	350 -	6&8
14	A/R & M/O residential building unde Shimla. Division No. III (SII:- Repair of flooring in block No. 20/IT.F Annexy, C-II/20, O-II 108 & 20/6 MF, I-II /63 etc) at Nabha Estate Shimla.	Rs.1,76,514/-	Rs.3550/-	One Month	350 -	6&8
15	A/R & M/O various residential buildings under Shimla Division No-III (SII:- Providing & Fixing cupboards, shutters, tiles, granite, Painting & sanitary fittings in block D-III 28) at Nabha Estate Shimla.	Rs.1,26,089/-	Rs.2550/-	One Month	350 -	6&8
16	S/R to various residentialbuildigs under Shimla Division No. III (SII:- P/F cupboards, lining & painting etc in set No. D-1/29, S-II/155, B-II/11, II-III/88, D-III/32, R-II/150, F-III/46 & C-III 20 etc) at Nabha Estate Shimla.	Rs.2,15,929/-	Rs.4350/-	One Month	350 -	6&8
17	S/R to various residential buildings under Shimla Division No. III (SII:- Providing & Fixing cupboards, ceiling, shutters, flooring, painting & distempering including sanitary fittings in set No. 32/121,123,125,127, & 18/2,3, & Nabha School (Club) at Nabha Estate Shimla.	Rs.3,17,016/-	Rs.6350/-	One Month	350 -	6&8
18	S/R to various residential buildings under Shimla Division No. III (SII:- Providng & Fixing cupboards, shutters, lining and painting	Rs.2,32,754/-	Rs.4700/-	One Month	350 -	6&8

	in set No A-II/1, G-II/45,46, A-III/3 & D-III/32) at Nabha Estate Shimla.					
19	A/R & M/O various residential buildings under Shimla Division No. III (SH:- Providing & Fixing flooring & sanitary fittings in block No. D-III/31, 20/6 M.F. (Half block) O-II/109, D-1/31 etc) at Nabha Estate Shimla.	Rs.1,02,088/-	Rs.2050/-	One Month	350 -	6&8
20	A/R & M/O various residential buildings under Shimla Division No. III (SH:- Construction of retaining wall in front of Vivekanand Kendra at Rd. 0/027.30 to 0/031.00) at Nabha Estate Shimla.	Rs.3,55,007/-	Rs.7150/-	One Month	350 -	6&8
21	A/R & M/O various residential buildings under Shimla Division No. III (SH:- Providing & Fixing pedestal for water storage tanks along with PVC water storage tanks to block F-II of set No. 33 to 38 etc) at Nabha Estate Shimla.	Rs.2,23,673/-	Rs.4500/-	One Month	350 -	6&8
22	A/R & M/O various residential buildings under Shimla Division No. III (SH:- repair of balconies covered with pycarbonate sheet in block No. A-III/2, C-III/24, 20/3 MF, 35/1 GF etc) at Nabha Estate Shimla.	Rs.1,46,175/-	Rs.2950/-	One Month	350 -	6&8
23	S/R to block No. 25, 25 A sector -3 New Shimla (SH:- repair of flooring, steel railing etc. back side, side L.H. side & right side of block No-25).	Rs.3,60,821/-	Rs.7300/-	One Month	350 -	6&8
24	S/R to Park 7 building at Nigam Vihar Shimla. (SH:- Pine wood ceiling wall ceiling wall paneling, plinth flooring, PVC flooring etc. in balcony, 1st floor).	Rs.3,90,447/-	Rs.7900/-	One Month	350 -	6&8
25	S/R to various residential buildings under division No. III Shimla. (SH:- Repair of wood work, tile work, sanitary fittings etc in block B type-V set No. 8 at Richmond Shimla)	Rs.2,84,581/-	Rs.5690/-	One Month	350 -	6&8
26	S/R to Park 7 building at Nigam Vihar Shimla. (SH:-Construction of Aluminium work in windows and balcony in 1st floor above main entrance).	Rs.3,82,708/-	Rs.7700/-	One Month	350 -	6&8
27	A/R & M/O various residential buildings under Division No. III Shimla. (SH:- Providing and laying chequerred tiles and C.C etc in block No. 29 (Front courtyard) at U.S Club Shimla.	Rs.1,83,924/-	Rs.3680/-	One Month	350 -	6&8
28	A/R & M/O to various residential buildings under Division No.III Shimla. (SH:- Repair of PGI sheet ceiling, shuttering ply nd PVC flooring etc in old MLA qtrs set No. C-16).	Rs.2,12,153/-	Rs.4240/-	One Month	350 -	6&8
29	A/R & M/O to Non residential building under Shimla Division No. III (SH:- Repair of toilet, roofing, paneling and painting work etc. in room No. E-215 IOD Biochemistry at IGMSC Shimla.	Rs.2,70,920/-	Rs.5500/-	One Month	350 -	6&8

Terms & Conditions:-

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

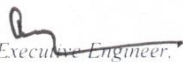
NO.SD-III-CB-Tender/2021-22-

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

1. The Engineer-in-Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla-2.
2. The Chief Engineer (S) HPPWD Nirman Bhawan, Nigam Vihar, Shimla-2
3. The Superintending Engineers, 4th Circle HPPWD Shimla.
4. The Deputy Commissioner, Shimla Distt. Shimla.
5. The Sub-Divisional Magistrate (U) Shimla.
6. All the Executive Engineers, under 4th Circle HPPWD Shimla.
7. All the Assistant Engineers working under this Division.
8. All the heads of the branches in this office.
9. Notice board.
10. All contractors

31285 31304

Dated:-


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

2-3-22


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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 128818.00
 Earnest Money Rs. :- 2576.00
 Time:- One Month.

Name of Work:- A/R & M/O road on road from cart road to Annadale Road 0/00 to 4/160.(SH:- C/O PCC retaining wall at RD0/413 to RD0/416.80KM.

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 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	1.43 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.50 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	13.68 Cum			Per cubic metre.	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :- 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.71 Cum			Per cubic metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	19.95 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	14.02 Sqm.			Per Square metre	
6	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.	3.19 Cum			Per Cubic metre	
7	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.	11.75 Rmt.			Per Running metre	
8	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge. (Labour rate)	1.86 Cum			Per Cubic metre	

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

11.82 Cum

Per Cubic metre

Conditions:-

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

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

Total

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

SCHEDULE OF QUANTITY

Name of work: -Special repair to Various Residential Buildings under Shimla Division No. III
(SH:- Miscellaneous work In Bunglow No.6 (Ground Floor) at Harvington Estate Shimla-1)

Estimated Cost: -Rs.243640/- only
Earnest Money : Rs.4900/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate In figure	In words	Unit	Amount
1	2	3			6	7
1	Providing and Fixing Carpet Design (Welton Super) 12mm Pile hight in diffrent Shade and Colour/ Designed with regular with solution complete including carriage of materials within all leads and lifts.	21.56	Sqm		Per Square Metre	
2	Providing and Fixing Carpet 1700 Gms. Quality Acrlc. 8mm Pile height in different Colours/ Desined with fixing with Solution complete including carriage of materials within all leads and lifts.	26.01	Sqm		Per Square Metre	
3	Providing and Fixing Zebra Blinds in different Shades and Designed complete including carriage of materials within all leads and lifts.	5.04	Sqm		Per Square Metre	
4	Providing and Fixing Curtain 2.90 Metre with Stiching Seving complete including carriage of materials within all leads and lifts.	12.00	No.		Each	
5	Providing and Fixing Tissu Curtain of High Quality in different Design seving and catechres complete including carriage of materials within all leads and lifts.	15.00	No.		Each	
6	Providing and Fixing Bath Mats for Bath Area/ out side of Bath Room including carriage of materials within all leads and lifts.	1.98	Sqm		Per Square Metre	
7	Providing and Fixing foot mats 3'-6" and 1'-6" of high Quality including carriage of materials within all leads and lifts.	3.00	No.		Each	
8	Providing and Fixing Curtain Catchers (Magnetic) complete including carriage of materials within all leads and lifts.	7.00	No.		Each	
Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

Name of work: -Special Repair to Block No.44 Type-IV Qtrs at New Shimla(SH:- Providing and Fixing PVC. Flooring of Set No.820,823,825,826 & 833)

Estimated Cost: -Rs.214250/- only
Earnest Money : Rs.4800/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				6	7
1	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality LG Make including cost of adhesive of approved quality.(i) 1.5 mm thick	240.73	Sqm			Per Cubic Metre	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 363240.00
 Earnest Money Rs. :- 7270.00
 Time :- One Month.

Name of work :- Special Repair to Armsdale Building at HP Secretariat Shimla-2 (SH:- Providing cup board, aluminum work and painting and polishing in pantry attached to Confrance hall at 6th floor phase-i.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing plain square edged cover fillets (beading) 40mm x 12mm section with wood screws in ceiling and lining including mitring at junctions in first class deodar wood including carriage of materials within all leads and lifts.	187.50 Rmt.			Per running metre.	
2	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling / flooring / cup-board and wall lining including mitring at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	36.29 Sqm.			Per square metre	
3	Providing and fixing 4mm thick teak ply lining with necessary screws complete including carriage of materials within all leads and lifts as per direction of the Engineer-in-Charge.	36.29 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.	46.98 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.	15.21 Sqm			Per square metre	
6	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment including carriage of material within all leads and lifts.(i) for door frames.	72.80 Kgs			Per Kilo-gramme	
ii	for shutters of door windows.	101.11 Kgs			Per Kilo-gramme	
7	Providing and fixing plain square edged cover fillets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	46.80 Rmt.			Per running metre	
8	Providing and fixing ACP sheet 3mm thick panel in aluminium door, window, ventilator shutters and partition etc with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-In-charge (cost of aluminium snap beading shall be paid in basic item.) partitions with 12mm thick Particle board bwp phenol bonded exterior/ interior grade both sides including carriage of materials within all leads and lifts.	7.20 Sqm			Per Square metre	

9	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.	212.55 Sqm		Per square metre
10	Polishing two or more coats with malamine polish of required shade on wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts. Conditions:-	212.55 Sqm		Per square metre
				Total

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

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

SCHEDULE OF QUANTITY

Name of work: - Special Repair to various residential building under Shimla Division No. III, Shimla. (SH:-Providing and fixing Cup board, Pine wood paneling and sanitary fitting etc. in Ellerslie Lodge type-VI Chotta Shimla.)

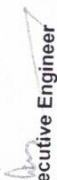
Estimated Cost Rs. :- 363439.00
 Earnest Money Rs. :- 7270.00
 Time:- One Month.

Sl. No.	Items of work	Quantity	Rate	Unit	Amount
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete including carriage of materials within all leads and lifts - second class deodar wood.	0.189 Cum		Per cubic metre	
2	Providing and fixing 12mm thick commercial ply of standard quality ISI mark and approved shade and colour in panelling / flooring / cup-board and wall lining including mitring at junctions, butt measured and paid for separately complete including carriage of material within all leads and lifts.	56.97 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.	56.97 Sqm		Per square metre	
4	Providing and fixing 19mm thick commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	4.64 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.	24.12 Sqm		Per square metre.	
6	Providing and fixing 1.00mm thick coloured or plain high gloss lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	27.71 Sqm		Per square metre	
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts - Triple strip vertical type	12.00 No.		Per square metre	
8	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge including carriage of materials in all leads and lifts.	5.00 Set		Per Set	
9	Providing and fixing 100 mm size bright finished brass handles with screws etc. complete as per directions of Engineer- in-charge including carriage of materials in all leads and lifts.	15.00 No.		Per square metre.	
10	Providing and fixing 50mm X 20mm section plan square edged cover filets (beading) with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	56.15 Sqm		Per running metre	
11	Providing and fixing plan square edged cover filets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	87.39 Rmt.		Per running metre	

12	Providing and fixing 6mm thick commercial ply wood ceiling/ lining/ flooring 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.	11.82 Sqm		Per square metre.	
13	Providing and fixing EssEss 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 and bracket etc. including carriage of material within all leads and lifts.	43.10 Rmt.		Per Running metre.	
14	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	31.02 Sqm		Per square metre	
15	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	31.02 Sqm		Per square metre.	
16	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	31.02 Sqm		Per square metre	
17	Polishing two or more coats on New work with french polish on new wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	62.67 Sqm		Per square metre	
18	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary.- Float Glass panes 5.00mm thick including carriage of materials in all	8.60 Sqm		Per square metre.	
19	Providing and fixing 600mm X 20mm size C.P. Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts.- ESS ESS Trend series AC-101.	1.00 No.		Each	
20	Providing and fixing 15mm nominal bore C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS 8931 including carriage of materials within all leads and lifts.- ESS ESS Trend series AC-112	6.00 No.		Each	
21	Providing and fixing mixture for kitchen sink with casted swinging spout at top including carriage of materials within all leads and lifts.- Ess Ess trend Cat No. T-127.	1.00 No.		Each	
22	Providing and fixing standless steel kitchen sink of size 600mm x 450mm with bowl depth 200mm size with C. I. or M. S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts. Diamond make.	1.00 No		Each	
23	Providing and fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.		Each	
24	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete including carriage of materials within all leads and lifts. White solid plastic seat with lid	3.00 No.		Each	

25	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 polythere 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.	4.00 No.	Each	
26	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- Viking Make	6.00 No.	Each	
27	Providing and fixing flange florante including carriage of materials within all leads and lifts.	8.00 No.	Each	
28	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts	1.00 No.	Each	
29	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232	1.00 No.	Each	
30	Providing and fixing C.P. brass toilet paper holder with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-706.	1.00 No.	Each	
31	Providing and fixing 15mm dia C.P. brass long body bib cock with wall flange including carriage of materials within all leads and lifts :- Ess Ess T-105A	2.00 No.	Each	
32	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts :- Ess Ess make Cat No. AC-703.	2.00 No.	Each	
33	Providing and fixing C. P. Jet including fixing etc. complete including carriage of materials within all leads and lifts.	1.00 No.	Each	
34	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore viking make.	2.00 No.	Each	
35	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :- (i) 75mm dia including carriage of materials within all leads and lifts.	30.50 Rmt	Per Running metre	
36	Providing and fixing PVC (Finolex) plain bend with ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 75mm nominal size.	6.00 No.	Each	
37	Providing and fixing PVC (Finolex) plan tee with ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 75mm nominal size.	1.00 No.	Each	
38	Providing and fixing PVC (finolex) collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :- 75mm dia.	12.00 No.	Each	
39	Providing and fixing 15mm dia C.P. brass bib cock with capstan head including carriage of materials within all leads and lifts :- Ess Ess T-103	2.00 No.	Each	

40	Providing and fixing 550mm X 400mm Flat back vitreous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete:- Hindware cat No. 10103 complete set with pedestal Cat No. 11032 (star white) including carriage of materials within all leads and lifts.	1.00 No	Each	
Conditions:-				
i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.				
ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian Standard in the market should confirm to bureau of Indian standards.				
				Total


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

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O road from Cart road to Annadale KM's 0/00 to 4/160. (SH: - Strenghtning of berm at RD 0/703, 8/895, 0/910, 0/480.50 to 0/510, 0/986 , 0/961, 1/385,1/400,1/418.)

Estimated Cost Rs. :- 265473.00
 Earnest Money Rs. :- 5310.00
 Time:- One Month.

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 dressing trenches or drains (not exceeding 1.50 m in width or 10 sqm on plan), including soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	20.41 Cum			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	6.96 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 20 mm nominal size) including carriage of materials within all leads and lifts.	4.54 Cum.			Per cubic metre.	
4	Providing and laying dresses stone 20cm average thickness (top surface should be chiseled) in flooring laid over 20mm average thick base of cement mortar 1:5 (1Cement:5Sand) and jointed be finished flush as per direction of Engineer-in-Charge complete including carriage of materials within all leads and lifts.	61.89 Sqm.			Per square metre	
5	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	20.41 Cum			Per Cubic metre	
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works						
ii Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
					Total	

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

SCHEDULE OF QUANTITY

Estimated cost:- 484905.00
 Earnest Money:- 9700.00
 Time :- One Month

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH)-Providing & fixing polycarbonate sheet to cover front Courtyard in front side of block-35B) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete Hot finished welded type tubes including carriage of materials within all leads and lifts	1061.99 Kg.			Per Kilogramme	
2	Providing and fixing polycarbonate transparent sheet 2.00mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Linpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer in-Charge including carriage of materials within all leads and lifts.	159.14 Sqm			Per square meter	
3	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 Flashings/ Aprons (Upto 600 mm) including carriage of materials within all leads and lifts	32.45 Rmt			Per running meter	
4	Providing and fixing 250x16 mm ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete including carriage of materials within all leads and lifts.	6.00 No.			Each	
5	Providing and fixing M.S. welded mesh 25mm X 25mm X 2mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	53.38 Sqm			Per square meter	
CONDITION:-						
					Total:-	

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 365569.00
Earnest Money:- 7350.00
Time :- One Month

Name of work:- AR & M/O Non Residential Building under Shimla Division No.III (SH:-Repair of roof, gutter & partition wall above Van Shobha etc at Raj Bhawan Shimla).

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkats, architrave, holdfasts etc. complete and stacking within 50 metres lead Of area 3 sq. metres and below including carriage of materials within all leads and lifts.	6.00 No.			Each	
2	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead of sectional area below 40 square centimetres including carriage of materials in all leads and lifts.	34.20 Rmt			Per running metre	
3	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 in all leads and lifts.	30.10 Sqm.			Per square metre	
4	Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the material within 50 metres lead 100 mm dia pipe including carriage of materials in all leads and lifts.	21.35 Rmt			Per running metre	
5	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more. including carriage of materials within all leads and lifts.	5.35 Cum			Per cubic meter	
6	Dismantling wooden boardings in lining of walls and partitions, excluding supporting members but including stacking within 50 metres lead Thickness above 10 mm up to 25 mm including carriage of materials in all leads and lifts.	15.50 Sqm.			Per square metre	
7	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.63 mm thick with zinc coating not less than 275 gm/m ² as per the direction of Engineer-in-charge including carriage of materials upto all leads and lifts.	30.10 Rmt			Per running metre	
8	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required 0.63 mm thick with zinc coating not less than 275 gm/ m ² as per the direction of Engineer in Charges including carriage of materials within all leads and lifts.	71.98 Sqm			Per square meter	
9	Re-fixing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts, and nuts 8mm diameter with biyumen and G.I. limpet washers or with limpet washers filled with white lead as per the direction of Engineer-in-charge including carriage of materials upto all leads and lifts.	71.99 Sqm			Per square meter	
10	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete as per the direction of Engineer in Charges 0.63 mm thick with zinc coating not less than 275 gm/m ² including carriage of materials within all leads and lifts.	17.40 Rmt			Per running meter	
11	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.	9.20 Rmt			Per running meter	
12	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 110 mm diameter including carriage of materials within all leads and lifts.	36.60 Rmt			Per running meter	

13	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 Coupler 110mm including carriage of materials within all leads and lifts.	8.00 No.	Each
	ii) Bend 87.5° 110mm bend	13.00 No.	Each
	iii) Shoe (Plain) 110mm	6.00 No.	Each
14	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete 110 mm including carriage of materials within all leads and lifts	38.00 No.	Each
15	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position Second class chilrai wood including carriage of materials within all leads and lifts.	1.65 Cum	Per cubic metre
16	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	9.46 Sqm	Per square meter
17	Providing and fixing 75 mm x60mm rounded hand rails in straight length complete in 2nd class deodar wood including carriage of materials within all leads and lifts. 2nd class Rai wood.	22.10 Rmt	Per running meter
18	Providing and fixing 25mm + 25mm balusters 25mmx25mm square wrought fixed with ends housed (square or splay) to hand rails and treads or strings complete in 2nd class deodar wood including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	117.60 Rmt.	Per Running meter
19	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	32.86 Sqm	Per square meter
20	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :-Two or more coats on new work including carriage of materials and as per the direction of the Engineer-in-Charge.	32.86 Sqm	Per square meter
21	Painting on G.S. sheet / other metal surfaces 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 including carriage of materials within all leads and lifts.	107.86 Sqm	Per square meter
22	Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) White face insulating board 12 mm thick including carriage of materials within all leads and lifts.	39.33 Sqm	Per square meter
23	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 100 mm including carriage of materials within all leads and lifts	12.00 No.	Each
CONDITION:-			Total:-

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

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.

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

Executive Engineer
Shimla Division NO.11.
HP.PWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 169741.00
Earnest Money:- 3400.00
Time :- One Month

Name of work:- A/R & M/O Non Residential Building under Shimla Division No.III (SH:-Providing & fixing Cupboards (back porch & fire place wall side) in Library (Vyas) and book Almirah in Governor's residence at Raj Bhawan Shimla).

Sl. NO.	Description	Qty.	Rate		Unit.	Amount
			In Figures.	In Words		
1	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts. 12mm thick commercial ply including carriage of materials within all leads and lifts.	22.27 Sqm.			Per square metre.	
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts.	19.40 Sqm.			Per square metre.	
3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood including carriage of materials within all leads and lifts.	0.073 Cum			Per Cubic Metre	
4	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge Second class teak wood 35 mm thick shutters including carriage of materials within all leads and lifts.	11.22 Sqm.			Per square metre.	
5	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge. 75x47x1.70 mm	46.00 No.			Each	
6	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/panelling/under floors with necessary screws/nuts & bolts/ nails and fixed on wooden /steel frame work complete as per direction of Engineer-in-charge (Frame work shall be paid for separately) including carriage of materials within all leads and lifts.	13.49 Sqm.			Per square metre.	
7	Providing and fixing 2nd class teak wood liping/moulded beading or taj beading of size 18x5mm fixed with wooden adhesive of approved quality and screws/nails on the edge of the Pre-laminated particle board as per direction of Engineer-in-Charge including carriage of material in all leads and lifts.	22.16 Rmt			Per running meter	
8	Providing and fixing bright finished brass handles with screws etc complete including carriage of materials within all leads and lifts. 125 mm	23.00 No.			Each	
9	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts. Double strip (horizontal type)	23.00 No.			Each	
10	Providing and fixing special quality chromium plated brass cupboard locks with six levers of approved quality including necessary screws etc. complete. Size 75x35mm size	23.00 No.			Each	
11	Providing and fixing 12 mm thick pine wood 1st class imported in ceiling/lining/panelling of approved quality with necessary nails etc complete(frame work to be paid separately) including carriage of materials in all leads and lifts.	2.75 Sqm.			Per square metre	
12	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces togive an even surface including cleaning the surface of all dirt, dustand sand papered smooth and including a coat of wood filler in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	86.30 Sqm.			Per square metre.	
CONDITION:-						
Total:-						

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works.
ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards

Executive Engineer
Shimla Division NO.III
HP. Pwchub3

SCHEDULE OF QUANTITY

Name of work: - Special Repair to various residential building under Shimla Division No. III, Shimla. (SH:-Providing and fixing Cup board, Pine wood paneling and sanitary fitting etc. in Ellerslie Lodge type-VI Chotta Shimla.)

Estimated Cost Rs. :- 363439.00
 Earnest Money Rs. :- 7270.00
 Time:- One Month.

Sl. No.	Items of work	Quantity	Rate	Unit	Amount
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete including carriage of materials within all leads and lifts - second class deodar wood.	0.189 Cum		Per cubic metre	
2	Providing and fixing 12mm thick commercial ply of standard quality ISI mark and approved shade and colour in panelling / flooring / cup-board and wall lining including mitring at junctions, butt measured and paid for separately complete including carriage of material within all leads and lifts.	56.97 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.	56.97 Sqm		Per square metre	
4	Providing and fixing 19mm thick commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	4.64 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.	24.12 Sqm		Per square metre	
6	Providing and fixing 100mm thick coloured or plain high gloss lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	27.71 Sqm		Per square metre	
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	12.00 No.		Per square metre.	
8	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge including carriage of materials in all leads and lifts.	5.00 Set		Per Set	
9	Providing and fixing 100 mm size bright finished brass handles with screws etc. complete as per directions of Engineer- in-charge including carriage of materials in all leads and lifts.	15.00 No.		Per square metre.	
10	Providing and fixing 50mm X 20mm section plain square edged cover filets (beading) with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	56.15 Sqm		Per running metre	
11	Providing and fixing plain square edged cover filets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	87.39 Rmt.		Per running metre.	

12	Providing and fixing 6mm thick commercial ply wood ceiling/ lining/ flooring 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.	11.82 Sqm	Per square metre.	
13	Providing and fixing EssEss Curtain rod 25mm dia and 1.66mm thick (confirming to bureau of Indian standard) in single length with out any joint complete with finial for curtains for sides of rod and bracket etc. including carriage of material within all leads and lifts.	43.10 Rmt.	Per Running metre.	
14	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	31.02 Sqm	Per square metre.	
15	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	31.02 Sqm	Per square metre.	
16	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	31.02 Sqm	Per square metre.	
17	Polishing two or more coats on New work with french polish on new wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	62.67 Sqm	Per square metre.	
18	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary:- Float Glass panes 5.00mm thick including carriage of materials in all	8.60 Sqm	Per square metre.	
19	Providing and fixing 600mm X 20mm size C.P. Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts.	1.00 No.	Each	
20	Providing and fixing 15mm nominal bore C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS 8931 including carriage of materials within all leads and lifts:- ESS ESS Trend series AC-112	6.00 No.	Each	
21	Providing and fixing mixture for kitchen sink with casted swinging spout at top including carriage of materials within all leads and lifts:- Ess Ess trend Cat No T-127	1.00 No.	Each	
22	Providing and fixing stainless steel kitchen sink of size 600mm x 450mm with bowl depth 200mm size with C. I or M. S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts. Diamond make.	1.00 No.	Each	
23	Providing and fixing 32mm dia. PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts	1.00 No.	Each	
24	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete including carriage of materials within all leads and lifts. White solid plastic seat with lid.	3.00 No.	Each	

25	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 bond with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all leads and lifts.	4.00 No.	Each	
26	Providing and fixing 600mm X120mm Acrylic shelf with C.P. guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :- Viking Make.	6.00 No.	Each	
27	Providing and fixing flange floranite including carriage of materials within all leads and lifts.	8.00 No.	Each	
28	Providing and fixing 100mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	1.00 No.	Each	
29	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232.	1.00 No.	Each	
30	Providing and fixing C.P. brass toilet paper holder with C.P. brass screws and plugs etc complete including carriage of materials within all leads and lifts :- ESS ESS Cat No. AC-706.	1.00 No.	Each	
31	Providing and fixing 15mm dia C.P. brass long body bib cock with wall flange including carriage of materials within all leads and lifts:- Ess Ess T-105A	2.00 No.	Each	
32	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. AC-703.	2.00 No.	Each	
33	Providing and fixing C. P. Jet including fixing etc. complete including carriage of materials within all leads and lifts.	1.00 No.	Each	
34	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts :- 15mm nominal bore viking make.	2.00 No.	Each	
35	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 75mm dia including carriage of materials within all leads and lifts.	30.50 Rmt	Per Running metre	
36	Providing and fixing PVC (Finolex) plain bend with ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 75mm nominal size.	6.00 No.	Each	
37	Providing and fixing PVC (Finolex) plain tee with ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 75mm nominal size.	1.00 No.	Each	
38	Providing and fixing PVC (finolex) collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-75mm dia	12.00 No.	Each	
39	Providing and fixing 15mm dia C.P. brass bib cock with capstan head including carriage of materials within all leads and lifts:- Ess Ess T-103	2.00 No.	Each	

40	Providing and fixing 550mm X 400mm Flat back vitreous China Hind ware or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting complete.- Hindware cat No. 10103 complete set with pedestal Cat No. 11032 (star white) including carriage of materials within all loads and lifts.	1.00 No		Each	
Conditions:-					Total

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

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

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

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

Name of work:-A/R & M/O Non Residential Building under Shimla Division No.III (SH:-Construction of Sentry Post near main gate & painting of flower beds at f

Sl. NO.	Description	Qty.	Rate	
			In Figures.	In Words
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	0.36 Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :- 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts including carriage of materials within all leads and lifts	0.36 Cum		
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete Hot finished welded type tubes including carriage of materials within all leads and lifts	650.19 Kg.		
4	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing, paneling and dash fasteners to be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 868, Minimum anodic coating of grade AC 15) as per the direction of Engineer-in-Charge including carriage of material in all leads and lifts	18.81 Kgs		
	ii) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)including carriage of materials within all leads and lifts	5.94 Kgs		
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer -in-charge (Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) including carriage of materials within all leads and lifts	1.96 Sqm.		
6	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge In cement mortar including carriage of materials within all leads and lifts	0.45 Cum		
7	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete 125x65x2 12 mm including carriage of materials within all leads and lifts.	3.00 No.		
8	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm, including carriage of materials within all leads and lifts.	2.00 No		
9	Providing and fixing oxidised M.S. tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete (i) 150x10mm	2.00 No.		
10	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete, including carriage of materials within all leads 100mm	2.00 No.		

11	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 (5x55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials within all leads and lifts.	4.89 Sqm	Per Square Metre
12	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 Ridges plain (500 - 600mm) complete within carriage of material in all leads and lifts.	5.80 Rmt	Per running meter
13	Providing and fixing polycarbonate transparent sheet 1.20mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-charge including carriage of materials within all leads and lifts.	5.54 Sqm	Per square meter
14	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials up to all leads and lifts.	33.06 Sqm	Per Square Metre
15	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. including carriage of materials within all leads and lifts.	296.98 Sqm	Per square meter
16	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	148.49 Sqm	Per Square Metre
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work on wood complete including carriage of materials within all leads and lifts	296.98 No	Each
CONDITION:-			Total:-

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

Executive Engineer
Shimla Division NO.71.
HP.PWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 212195.00
 Earnest Money:- 4250.00
 Time :- One Month

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing tiles, marble, ceiling, lining, painting and sanitary fittings in block No. F-III/49, E-III/38, I-II/63 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) including carriage of materials in all leads and lifts.	1.19 Cum			Per Cubic metre.	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm including carriage of materials within all leads and lifts.	22.63 Sqm.			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) - 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer- in- charge In Foundation and plinth	1.11 Cum			Per cubic metre.	
4	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab over 0.50 sqm including carriage of materials with in all leads & lifts.	5.15 Sqm			Per square meter	
5	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge Granite work including carriage of materials within all leads and lifts.	6.82 Rmt.			Per running meter	
6	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts	19.40 Sqm			Per square meter	
7	Providing and laying vitrified floor tiles 300x300mm in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts	10.09 Sqm			Per square meter	
8	Providing wood work in frames of false ceiling, partition etc. sawn and putup in position including carriage of materials within all leads and lifts Second class chil/rai wood	0.047 Cum			Per cubic metre	
9	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	0.72 Sqm			Per square meter	
10	Providing and fixing 6mm 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 within all leads and lifts	11.38 Sqm			Per square meter	
11	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	21.20 Sqm.			Per square metre	

12	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	25.84 Sqm.		Per square metre.
13	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts	25.84 Sqm.		Per square metre.
14	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	61.58 Rmt.		Per running metre.
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	64.00 No.		Each
16	Providing and fixing magnetic catcher of approved quality in cupboard/ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	56.00 No.		Each
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	84.26 Sqm		Per square metre
18	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 in all leads and lifts.	84.26 Sqm.		Per square metre
19	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	84.26 Sqm		Per square metre
20	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests including carriage of materials within all leads and lifts.	2.00 No.		Each
21	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap including carriage of materials within all leads and lifts.	1.00 No.		Each
22	Providing and fixing brass bib cock of approved quality 15 mm nominal bore including carriage of materials within all leads and lifts.	5.00 No.		Each
23	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 including carriage of materials in all leads and lifts.	8.00 No.		Each
24	Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	4.00 No		Each
25	Providing and fixing uplasticised PVC connection pipe with brass unions 30 cm length 15 mm nominal bore including carriage of materials within all leads and lifts.	6.00 No		Each
26	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	2.00 No		Each
27	Providing and fixing high pressure PVC (Finolex) spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 110 mm dia	3.00 Rmt		Per running metre
28	Providing and fixing PVC Finolex type "A" plain bend ISI marked including fixing with approved adhesive etc complete including carriage of materials within all leads and lifts. 110mm nominal size.	1.00 No		Each
29	Providing and fixing PVC Finolex type "A" door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	1.00 No		Each

30	Painting with synthetic enamel paint on wood of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials in all leads and lifts.	150.13 Sqm.	Per square metre.
31	Distemping with 1st quality acylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification - Two or more coats on new work including carriage of materials within all leads and lifts.	125.33 Sqm	Per square meter
CONDITION:-			Total:-

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

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use

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

Executive Engineer
Shimla Division NO. (11)
HP.PWD.Shimla-177003

SCHEDULE OF QUANTITY

Estimated cost:- 176514.00
 Earnest Money:- 3550.00
 Time :- One Month

Name of work:-AIR & M/O residential building under Shimla Division No. III (SH:-Repair of flooring in block No. 20/1T.F. Annexy, C-II/20, O-II/108 & 20/6 MF, I-II/63 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	In Figures.	Rate In Words	Unit.	Amount.
1	1.5 mm thick pvc/rubber tiles flooring (L.G. Make or equivalent) plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of materials within all leads and lifts. CONDITION:-	198.33 Sqm			Per square meter	
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-171003

SCHEDULE OF QUANTITY

Estimated cost:- 126089.00
 Earnest Money:- 2550.00
 Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH)-Providing & fixing Cupboards, shutters, tiles, granite, painting & sanitary fittings in block D-III(28) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm including carriage of materials within all leads and lifts	38.32 Sqm			Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)including carriage of materials within all leads and lifts	1.95 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 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer- in- charge In Foundation and plinth	0.50 Cum			Per cubic metre	
4	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	0.55 Sqm			Per square meter	
5	Providing and fixing 30mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood	0.55 Sqm.			Per square meter	
6	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	5.61 Sqm			Per square metre	
7	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts.	5.61 Sqm.			Per square metre	
8	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling/flooring/cup-board and wall lining including mitring at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	8.75 Sqm			Per square meter	
9	1.5 mm thick pvc/rubber tiles flooring (L.G. Make or equivalent) plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately)for payment including carriage of materials within all leads and lifts.	9.83 Sqm			Per square meter	
10	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts	13.20 Rmt			Per running metre	
11	Providing and fixing 125 mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts	26.00 No.			Each	
12	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Double strip (horizontal type) including carriage of materials within all leads	14.00 No.			Each	
13	Providing and fixing aluminium: tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete -150x10 mm including carriage of materials within all leads and lifts	4.00 No.			Each	
14	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	4.00 No.			Each	
15	Providing and laying vitrified floor tiles 300x300mm in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS. 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	10.16 Sqm			Per square meter	

33	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms including carriage of materials within all leads and lifts	1 00 No.		Each
34	Providing and fixing C.P. Brass soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms, including carriage of materials within all leads and lifts	1 00 No.		Each
35	Providing and fixing 600mm X 120mm Acrylic shelf with CP brass brackets complete, fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts	2 00 No.		Each
36	Providing and fixing 110mm X 75mm size PVC Finolux type 'A' floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts	2 00 No.		Each
CONDITION:-				Total:-

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

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use

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

Executive Engineer
Shimla Division NO. 11
HP PWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 215929.00
Earnest Money:- 4350.00
Time :- One Month

Name of work:- Special repair to various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, lining & painting etc in set No. D-1/29, S-II/155, B-II/11, H-III/88, D-III/32, R-II/150, F-III/46 & C-III/20 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove filelets to be measured and paid for separately) including carriage of materials within all leads and lifts.	19.56 Sqm.			Per Square metre	
2	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	24.10 Sqm.			Per square metre	
3	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	71.50 Sqm.			Per square metre	
4	Providing and fixing 0.80mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials in all leads and lifts	51.10 Sqm.			Per square metre	
5	Providing and fixing hard wood square edges cover filelets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	202.22 Rmt.			Per running metre	
6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	90.00 No.			Each	
7	Providing and fixing magnetic catcher of approved quality in cupboard/ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	101.00 No.			Each	
8	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts	186.75 Sqm			Per square meter	
9	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	186.75 Sqm			Per square meter	
CONDITION:-					Total:-	

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works.
ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian Standard in the market should confirm to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III
HPP/PWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 317016.00
 Earnest Money:- 6350.00
 Time :- One Month

Name of work:- Special repair to Various residential buildings under Shimla Division No. III (SH)-Providing & fixing Cupboards, ceiling, shutters, flooring, painting & distemper including sanitary fittings in Set No. 32/121,123,125,127 & 18/2,3 & Nabha School (Club) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) including carriage of materials within all leads and lifts.	12.72 Cum			Per cubic meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer-in-charge	6.92 Cum			Per cubic metre.	
3	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts Second class chilrai wood	0.190 Cum			Per cubic metre	
4	Providing wood work in frames of doors, windows, clerestory, and other frames wrought, framed and fixed in position. complete including carriage of materials within all leads and lifts. - 2nd class deodar wood	0.050 Cum			Per cubic meter	
5	Providing and fixing 6mm 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 within all leads and lifts	34.70 Sqm			Per square meter	
6	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws 30 mm thick shutters Kiln seasoned and chemically treated 2nd class deodar wood including carriage of materials in all leads and lifts.	2.45 Sqm			Per square metre.	
7	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood	4.08 Sqm			Per square meter	
8	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	7.87 Sqm.			Per square metre.	
9	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	5.12 Sqm.			Per square metre.	
10	Providing and fixing 1100mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	7.65 Sqm.			Per square metre.	
11	Providing and fixing hard wood square edges cover filets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	16.69 Rmt.			Per running metre.	
12	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling/flooring/cup-board and wall lining including mitring at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	8.46 Sqm			Per square meter	
13	Providing and fixing plain square edge cover filets beading 40 X 12 mm section with wood screws including mitring at junction First class deodar wood including carriage of material within all leads and lifts	54.20 Rmt			Per running metre	
14	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level - Cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts	2.05 Sqm.			Per square meter	
15	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete 20 mm dia including carriage of materials within all leads and lifts.	4.95 Rmt.			Per running meter	
16	Providing and fixing 250x16 mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	1.00 No			Each	

17	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :-150x10 mm including carriage of materials within all leads and lifts.	7.00 No.	Each
18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	19.00 No.	Each
19	Providing and fixing magnetic catcher of approved quality in cupboard/ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	10.00 No.	Each
20	Providing and laying vitrified floor tiles 300x300mm in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	26.21 Sqm	Per square meter
21	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts.	11.53 Sqm	Per square meter
22	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab upto 0.50 sqm including carriage of materials within all leads and lifts.	1.29 Sqm.	Per square meter
23	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge Granite work including carriage of materials within all leads and lifts.	1.22 Rmt	Per running meter
24	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	70.33 Sqm	Per square meter
25	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	70.33 Sqm	Per square meter
26	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	70.33 Sqm	Per square meter
27	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including carriage of materials in all leads and lifts.	34.27 Sqm	Per square meter
28	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	1.00 No.	Each
29	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests including carriage of materials within all leads and lifts.	1.00 No.	Each

30	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid make Hindware including carriage of materials within all leads and lifts.	4.00 No.	Each	
31	Providing and fixing white vitreous china pedestal type water closet (Anglo Indian) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid make Hindware including carriage of materials within all leads and lifts.	1.00 No.	Each	
32	Providing and fixing 8 mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge including carriage of materials within all leads and lifts.	5.00 No.	Each	
33	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.	2.00 No.	Each	
34	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts.	1.00 No.	Each	
35	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete including carriage of materials within all leads and lifts.	2.00 No.	Each	
36	Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	16.00 No.	Each	
37	Providing and fixing uplasticed PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts.	15.00 No.	Each	
38	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15 mm dia nominal bore including carriage of materials in all leads and lifts.	11.00 Rmt	Per running metre	
39	Providing and fixing C.P. brass bib cock of approved quality conforming to IS 8931 15 mm nominal bore including carriage of materials in all leads and lifts.	4.00 No.	Each	
40	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 including carriage of materials in all leads and lifts.	10.00 No.	Each	
41	Providing and fixing kitchen sink mixture 15mm nominal dia including carriage of materials within all leads and lifts - Make Seiko or equivalents	1.00 No.	Each	
42	Providing and fixing C.P. wall mixer faucet for shower & bath with overhead type 1210cm including carriage of materials within all leads and lifts. Make Seiko or equivalents.	1.00 No.	Each	
43	Providing and fixing 110mm X 75mm size PVC Finolex type "A" floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts.	18.00 No.	Each	
44	Providing and fixing high pressure PVC (Finolex) spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110 mm dia	31.61 Rmt.	Per running metre.	
	(ii) 75 mm dia	31.61 Rmt	Per running meter	
45	Providing and fixing PVC Finolex type "A" door bend with oval access door, insertion rubber washer, 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 10mm nominal size.	6.00 No.	Each	
	(ii) 75mm nominal size.	10.00 No.	Each	

46	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	2.00 No.	Each
47	(ii) Providing and fixing PVC Finolex type "A" collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	1.00 No. 8.00 No.	Each Each
48	(ii) Providing and fixing PVC Finolex type "A" plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.	3.00 No. 6.00 No.	Each Each
49	(ii) Providing and fixing PVC Finolex reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm X 75mm.	6.00 No. 5.00 No.	Each Each
CONDITION:-			Total:-

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

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.

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

Executive Engineer
Shimla Division NO. 11.
HPPWD, Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 232754.00
Earnest Money:- 4700.00
Time :- One Month

Name of work:-Special repair to Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, shutters, lining and painting in set No. A-III, G-II/45,46, A-III/3 & D-III/32) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood	0.314 Sqm			Per square meter	
2	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	31.08 Sqm.			Per Square metre	
3	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	26.81 Sqm.			Per square metre.	
4	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	72.11 Sqm.			Per square metre.	
5	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sumnicka) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	61.51 Sqm.			Per square metre.	
6	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	118.57 Rmt			Per running metre.	
7	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	66.00 No.			Each	
8	Providing and fixing magnetic catcher of approved quality in cupboard/ward robe shutters, including fixing with necessary screws etc complete Triple strip vertical type including carriage of materials within all leads and lifts.	57.00 No.			Each	
9	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 material in all leads and lifts	176.15 Sqm.			Per square meter	
10	Painting wood work with Deluxe Multi Surface Paint of required shade two or more coat applied @ 0.90 ltr/10 sqm including carriage of material in all leads and lifts.	176.15 Sqm.			Per square metre.	
12	Providing and fixing chromium plated brass curtain rod having wall thickness of 1.25mm with two chromium plated brass brackets fixed with C.P. brass screws and PVC sleeves etc., wherever necessary complete 20 mm dia including carriage of materials within all leads and lifts.	1.70 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) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Engineer-in-charge before use.
iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.

Executive Engineer
Shimla Division NO.III
HPPWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 102088.00
Earnest Money:- 2050.00
Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing flooring & sanitary fittings in block No. D-III/31, 20/6 M.F. (Half block) O-III/109, D-I/31 etc) at Nabha Estate Shimla.

Sl. No.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	1.5 mm thick pvc/rubber tiles flooring (L.G. Make or equivalent) plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of materials within all leads and lifts.	84.85 Sqm			Per square meter	
2	Providing and fixing 12mm thick water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling/flooring/cup-board and wall lining including mitring at junctions, butt measured and paid for separately complete including carriage of material within all leads and lifts.	22.42 Sqm			Per square meter	
3	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes -110 mm diameter including carriage of materials within all leads and lifts.	6.20 Rmt			Per running meter	
4	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 110mm nominal size.	1.00 No.			Each	
5	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 110mm nominal size.	3.00 No.			Each	
6	Providing and fixing PVC (Finolex) plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 110 mm dia.	3.00 No.			Each	
CONDITION:-						
					Total:-	

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

Executive Engineer
Shimla Division NO-III
HPDWD Shimla-171003

SCHEDULE OF QUANTITY

Name of work:-AVR & M/O Various residential buildings under Shimla Division No. III (SH:-Construction of retaining wall in front of Vivekanand Kendra at RD. 0/027.30 to 0/031.00) at Nabha Estate Shimla.

Estimated cost:- 355007.00
Earnest Money:- 7150.00
Time :- One Month

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge All kinds of soil including carriage of materials within all leads and lifts.	36.63 Cum			Per cubic meter	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m, including carriage of materials all lead and lift as per direction of Engineer-in-charge as directed by Engineer-in-charge	31.39 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) including carriage of materials within all leads and lifts.	2.89 Cum			Per Cubic meter	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level -1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	68.82 Cum			Per Cubic meter	
5	Centering and shuttering including strutting, propping etc. and removal of form for Retaining walls, return walls, etc (any thickness) including attached pilasters, buttresses, plinth and string courses filets, kerbs and steps etc including carriage of materials within all leads and lifts.	50.79 Sqm.			Per square meter	
6	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.	35.00 Rmt.			Per Running meter	
CONDITION:-						
					Total:-	

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

Executive Engineer
Shimla Division NO.III
HPWD Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost:- 146175.00
Earnest Money:- 2950.00
Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Repair of balconies covered with polycarbonate sheet in block No. A-III/2, C-III/24, 20/3 MF. 35/1 GF etc) at Nabha Estate Shimla)

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	795.54 Kg			Per Kilogramme	
2	Providing and fixing M.S. welded mesh 25mm X 25mm X 2mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	49.58 Sqm			Per square meter	
3	Providing and fixing polycarbonated transparent sheet 1.20mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	21.07 Sqm			Per square meter	
4	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm. including carriage of materials within all leads and lifts.	4.00 No			Each	
5	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete 100x58x1 90 mm including carriage of materials within all leads and lifts.	14.00 No			Each	
6	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete 100x10 mm including carriage of materials within all leads and lifts.	7.00 No.			Each	
7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts.	54.54 Sqm.			Per square meter	
CONDITION:-						
					Total:-	

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

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

SCHEDULE OF QUANTITY						
Name of work: - Special Repair to Block No. 25.25A Sector-3 New Shimla (SH:- repair of flooring, steel railing etc. Back side, side L.H. side & Right side of Block N-25)						
Estimated Cost: -Rs.360821/- only				Earnest Money : Rs.7300/- Only		
Time - One Month						
S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit
1	2	3				67
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.	11.43	Cum			Per Cubic Metre
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	22.85	Cum			Per Cubic Metre
3	Chequered terrazzo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) : Medium shade pigment using 50% white cement, 50% ordinary cement	152.36	Sqm.			Per Square Metre
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	161.49	Kg.			Per Kilogram
5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	16.40	Sqm.			Per Square Metre
6	Disposal of moorum/ building rubbish/ malba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Municipal dumping ground for lead upto 10km. For lalleafis, complete as per direction of Engineer- in Charge Note-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrying motor vehicle of 3.5 cum. or More.	11.43	Cum			Per Cubic Metre
7	Providing and fixing M.S welded mesh 25mmx25mmx2mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	48.00	Sqm.			Per Square Metre
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.						
ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.						
iii Sample of all Materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
				Total		

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

SCHEDULE OF QUANTITY					
Name of work: -Special Repair to Park 7 building at Nigam Vihar Shimla (SH: Pine Wood ceiling wall ceiling wall paneling, plinth flooring ,PVC flooring etc. in balcony, 1st floor.)					
Estimated Cost: -Rs.390447/- only			Earnest Money : Rs.7900/-Only		
Time - One Month					
S.No	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Providing and fixing 40mm thick wooden plank Flooring with tongued and grooved jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of material within all leads and lifts.(i) Second Class Deodar Wood.	17.98 Sqm		Per Square Metre	
2	Providing and fixing 9mm Thick commercial ply wood lining with butt jointing and nails(frame work and cover fillets to be measured and paid for separately.	52.22 Sqm		Per Square Metre	
3	Providing and fixing 12mm thick Shuttering ply wood Conforming to IS in Plain lining/ Panelling/ under Floors with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame (Frame work Shall be Paid Separately) as per direction of Engineer - in Charge. including carriage of material in all leads and lifts	17.98 Sqm		Per Square Metre	
4	Providing and fixing 12 mm thick Pine Wood wood Tongued and Grooved lining of approved quality with butt jointing and nails(frame work and cover fillets to be paid for separately).	76.82 Sqm		Per Square Metre	
5	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood 50x50 mm including carriage of materials within all leads and lifts.	98.50 Rmt.		Per Running Metre	
6	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.(i) 1.5 mm thick	52.22 Sqm		Per Square Metre	
7	French spirit polishing including carriage of materials within all leads and lifts.(i) Two or more coats on new works including a coat of wood filler	84.50 Sqm.		Per Square Metre	
Conditions:-				Total	

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

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

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 284581.00
Earnest Money:- 5690.00
Time :- One Month.

Name of work:- S/R to various residential buildings under division no III Shimla. (SH:- Repair of wood work, tile work, Sanitary fittings etc in block B Type - V set No-8 at Richmond Shimla)						
Sl. NO.	Qty.	In Figures.	In Words.	Unit.	Amount.	
1	3	4	5	6		
1	0.238 Cum			Per cubic metre		
2	0.265 Cum			Per cubic metre		
3	8.28 Sqm.			Per square metre		
4	1.71 Sqm.			Per square metre		
5	8.60 Sqm.			Per square metre.		
6	20.38 Sqm.			Per square metre		
7	20.38 Sqm.			Per square metre		
8	121.30 Sqm.			Per square metre		
9	4.66 Sqm.			Per square metre		
10	18.96 Sqm.			Per square metre		
11	269.16 Sqm.			Per square metre		

2
Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete. including carriage of materials within all leads and lifts:- 2nd class d/dar wood.

Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete. including carriage of materials within all leads and lifts:- Rae wood/chill wood

Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood wood 35 mm thick shutters

Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including carriage of materials within all leads and lifts 30 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood.

Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts

Providing and fixing 9mm thick water proof kit ply of standard quality ISI mark and approved shade and colour in panelling & wall lining i/c mifring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately) including carriage of materials within all leads and lifts.

Providing and fixing 12mm thick imported pine wood ceiling/ panelling 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.

Melamine polishing on wood work (one or more coat), including carriage of material within all leads and lifts.

Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm.

Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete. size 300mmx300mm.

Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade in ceiling and slopy roof : Old work (one or more coats) over and including water thinnable priming coat with cement primer

12	Painting wood work with Deluxe Multi Surface Paint of required shade. one or more coat applied @ 0.90 ltr/10 sqm. (Wood work)	321.71	Sqm.			Per square metre
13	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid. Make Cera or Hindware	1.00	No			Each
14	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require. White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps. Make Cera or Hindware	2.00	No			Each
15	Providing and fixing wall mixing faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232.	1.00	No			Each
16	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work -including carriage of materials within all leads and lifts	11.00	R.mtr			Per running metre
17	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	2.00	No			Each
18	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No			Each
19	Providing and fixing soil waste and vent pipe 75mm dia sand cast iron S&S pipe, including carriage of material within all leads and lifts.	2.60	Rmtr			Per running metre
20	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms. including carriage of materials within all leads and lifts	2.00	No			Each
21	Providing and fixing C.P. brass single lever telephonic wall mixer 15mm nominal bore hole wall mixer of approved quality and make including complete in all respect	1.00	No			Each
22	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore, including carriage of materials within all leads and lifts. Make Seiko or equivalents.	5.00	No			Each
23	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 : 15 mm nominal bore, including carriage of materials within all leads and lifts. Make Seiko or equivalents.	6.00	No			Each
24	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	1.00	No			Each
25	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts	3.00	No			Each
26	Providing and fixing Steel soap dish with fittings of approved quality complete of ESS or equivalent make. including carriage of materials within all leads and lifts	4.00	No			Each
27	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :20mm dia.	6.10	No			Each

28	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	2000.00					Per/Ltr
							Total:-

CONDITION

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

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

SCHEDULE OF QUANTITY						
Name of work: - Special Repair to Park 7 building at Nigam Vihar Shimla (SH: Construction of Aluminium work in W/windows and Balcony in 1st floor above main entrance)						
Estimated Cost: -Rs.382708/- only						
Earnest Money : Rs.7700/-Only						
Time - One Month						
S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit
1	2	3				Amount
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) (i) Powder coated aluminium (minimum thickness of powder coating 50 micron)) (a) For Fixed Portion.	532.53	Kg.			Per Kilogra mme
2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) (i) Powder coated aluminium (minimum thickness of powder coating 50 micron)) (a) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)	155.99	Kg.			Per Kilogra mme
Conditions:-						
i Rates should be quoted for all heights including all leads and lifts for internal and external works.						Total

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj

Bhawan Shimla-2 otherwise credit for useful materials will be charged.

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 183924.00
Earnest Money:- 3680.00
Time :- One Month.

Name of Work :- A/R and M/O various residential buildings under division no III Shimla. (SH:- Providing and Laying Chequerred tiles and C.C etc in Block No.29 (Front courtyard) at U.S Club shimla)

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	2.03 Cum	4	5	6	
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.			Per cubic metre	
2	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.			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 : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 25 mm nominal size).			Per cubic metre	
4	Chequerred precast cement concrete tiles 22mm thick (N.T.C make) in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).			Per square metre.	
5	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.			Per/ Kilogramme	
				Total:-	

Condition:-

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

Executive Engineer
Shimla Division NO.III.
HPCW.D. Shimla-171003

SCHEDULE OF QUANTITY

Name of work:- A/R and M/O to various residential buildings under division no III Shimla (SH:- Repair of PGI sheet ceiling, shuttering ply and PVC flooring etc in old MLA qtrs Set No C-16.)

Estimated Cost Rs. :- 212153.00
 Earnest Money Rs. :- 4240.00
 Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	60.26	Sqm.		Per square metre	
2	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc complete. including carriage of materials within all leads and lifts. :- Raa wood/chill wood	0.57	Cum		Per cubic metre	
3	Providing and fixing 40x12mm hard wood corner beading with wood screws in glazing partition etc including carriage of materials within all leads and lifts.	158.61	Rmt.		Per running metre	
4	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling/ ceiling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete. Of size 50x32mm 2nd class teak wood	69.22	Rmt.		Per running metre	
5	Providing and fixing water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling & wall lining i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately) 12mm thick including carriage of materials within all leads and lifts.	50.57	Sqm		Per square metre	
6	1.5 mm thick pvc/rubber tiles flooring (L.G. Make) plain, coloured, corbed or mosaic or mattied finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately)for payment including carriage of materials within all leads and lifts.	50.57	Sqm.		Per Square metre	
Conditions:-					Total	

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

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

SCHEDULE OF QUANTITY

Name of work: -A/R & to Non Residential Building under Shimla Division No.III (SH):- Repair of toilet , Roofing, Paneling and Painting work etc. in room No. E215 HOD Biochemistry at IGC. Shimla)						Estimated Cost: -Rs.270920/- only	
						Earnest Money : Rs. 5500/-Only	
						Time - One Month	
S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3					67
1	Dismantling Kota Stone in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 25 mm to 40 mm	30.08	sqm.			Per square metre	
2	Providing and fixing plain lining with necessary screws/nuts & bolts/ nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-in- charge (Frame work shall be paid for separately). including carriage of materials within all leads and lifts.(i) 12mm thick commercial ply	17.65	Sqm.			Per Square Metre	
3	Providing and fixing 12 mm thick Pine Wood wood Tongued and Grooved lining of approved quality with butt jointing and nails(frame work and cover fillets to be paid for separately).	17.65	Sqm.			Per Square Metre	
4	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood.(i) 50x50 mm (base and height)	12.79	Rmt.			Per Running Metre	
5	Providing and Fixing 1.8mm Thick PVC. Antistatic Vynyle Flooring (LG Make) plain Coloured, corbed ar Moasic/ Metalled finish laid with approved Adhesive on sub- Floor (Damp proof treatment to be paid for separately) including carriage of materials within all leads and lifts	25.80	Sqm.			Per Square Metre	
6	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622. of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials in all leads and lifts (i) Size of Tile 500x500 mm	30.08	Sqm			Per Square Metre	
7	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	863.80	Kg			Per Klogram me	
8	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5x55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	30.08	Sqm.			Per Square Metre	

9	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.	18.22	Sqm.			Per square metre	
10	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	53.83	Sqm			Per Square Metre	
11	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	53.83	Sqm			Per Square Metre	
12	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	134.57	Sqm			Per Square Metre	
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on wood Surfaces One or more coats on old work on wood complete including carriage of materials within all leads and lifts.	38.20	Sqm			Per Square Metre	
14	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on Steel Surfaces One or more coats on old work on wood complete including carriage of materials within all leads and lifts.	46.62	Sqm			Per Square Metre	
15	Disposal of moorum / Building rubbish/ Malba/ Similar unserviceable , dismantled or waste material by mechanical Transport including loading, transporting, unloading to approved municipal dumping ground for lead up to 10.0 Km. for all leafs, Complete as per directions of Engineer-in- Charge Note:- Item to be applicable in urban Areas having directions for restricted hours for movement/ plying of load Carrying motor vehicle of 3.5 Cum. or More.	0.90	Cum			Per Cubic Metre	
16	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chailles, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer- in-charge . The elevational area of the scaffolding shall be measured for payment purpose . The payment will be made once irrespective of duration of scaffolding including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	33.600	Sqm			Per Square Metre	
17	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floor complete including carriage of materials within all leads and lifts.	13.45	Rmt			Per Running Metre	
18	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 with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge (i) 15 mm nominal bore	1.00	No.			Each	

19	Making Chases up to 7.5x7.5 CM. in walls including making good the wall and Finished with Matching surfaces after Housing G.I Pipe etc.	13.45 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 Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.
- iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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