

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.SD-III-CB-Tender/2022-23-
To

14737

Dated:- 25-8-22

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

Subject: - Tender Notice.

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

Encl: - As above

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

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

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, HP.PWD. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before **06-09-2022** 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 his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on **05-09-2022** and the application for issue of tender form shall be received up to 4.00 P.M. on **05-09-2022**.

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	Special repair to Hon'ble Chief Justice Residential building at Shimla (SH: - Painting, distempering and polishing etc. in Chief Justice residence at Shimla).	Rs.3,82,067/-	Rs.7640/-	One Month	6&8	350/-
2	Improvement of road from Cart road to Annadale road Km 0/00 to 4/160 (SH: - C/O Paraphets, providing and fixing Barrier railing at RD 3/180 to RD 3/206 and soling etc.).	Rs.2,65,712/-	Rs.5310/-	One Month	6&8	350/-
3	A/R & M/O various residential buildings under Shimla Division No.III (SH: - Providing & fixing flooring in set No. H-III/87, E-II, F-II/68, 20/4, MF, 20/7MF etc.) at Nabha Estate Shimla).	Rs.1,81,649/-	Rs.3650/-	One Month	6&8	350/-
4	A/R & M/O to various residential buildings under division No.III Shimla (SH: - Repair of old roofing fascia, soffits etc. in Secretary Cottage at U.S. Club Shimla).	Rs.3,97,662/-	Rs.7980/-	One Month	6&8	350/-
5	A/R & M/O to Type-II sets Mashobra View at IGMCI Shimla (SH:- Painting and distempering in Type-II sets 1, 2, 3, 5, 6, 8 & 9).	Rs.92,820/-	Rs.1860/-	One Month	6&8	350/-
6	A/R & M/O various residential building under Shimla Division No.III Shimla (SH:- Providing and laying chequered tiles in flooring in front of block No.1 of Ellerslie quarter Chotta Shimla).	Rs.1,63,172/-	Rs.3270/-	One Month	6&8	350/-
7	A/R & M/O to Non Residential Building under Shimla Division No.III (SH:- C/O retaining walls, Breast walls in Entrance Road for first floor parking Block-D at Nirman Bhawan Nigam Vihar Shimla-2).	Rs.3,50,230/-	Rs.7010/-	One Month	6&8	350/-
8	Special repair to various residential buildings under Shimla Division No.III (SH:- Providing & fixing cupboards, lining, roofing, flooring including sanitary fittings in block NO. 20/2TF type-VI & 37/1TF type-IV etc.) at Nabha Estate Shimla).	Rs.2,15,712/-	Rs.4350/-	One Month	6&8	350/-
9	A/R and M/O to various residential buildings under Division No.III Shimla (SH:- Providing and fixing PVC water tanks and G.I. pipe in block I, II, IV, 35, 33 at U.S.Club Shimla).	Rs.1,68,780/-	Rs.3380/-	One Month	6&8	350/-
10	A/R & M/O various residential building under Shimla Division No.III (SH:- Providing and laying G.I. pipe line 25mm and 15mm dia, water storage tanks and sanitary fittings etc. in Block No.2, Block No.4 to 6, Block No.8 and Block No.9 to 11 of Ellerslie qtrs. at Chotta Shimla).	Rs.1,16,058/-	Rs.2330/-	One Month	6&8	350/-
11	A/R & M/O to Non Residential Building under Shimla Division No.III (SH:- C/O Dust Bin in front of Block-B and MS railing in Entrance Road to Block-D First Floor Parking at Nirman Bhawan Nigam Vihar Shimla-2).	Rs.2,89,361/-	Rs.5790/-	One Month	6&8	350/-
12	Special repair to residential building under Shimla Division No.III (SH:- Providing and laying Chequered tiles flooring front side of Basement floor, back side of Ground floor, "U" Shape Drain, MS, Gratings over "U" Shape Drain, PVC pipe for disposal of Drain water of Block No. 28 Sector-III at New Shimla).	Rs.3,90,204/-	Rs.7810/-	One Month	6&8	350/-
13	Special repair to Ellerslie Main Building at HP Secretariat Shimla-2 (SH: - Repair, paneling and polishing work etc. in Room No.105).	Rs.4,37,534/-	Rs.8760/-	One Month	6&8	350/-
14	Special repair to residential building under Shimla Division No.III (SH:- Providing and laying floor tiles, wall tiles, cupboard, painting and plastic emulsion etc. Block No.25 A in set No. 627, 628, 629 & 633 Sector-III at New Shimla).	Rs.3,66,989/-	Rs.7340/-	One Month	6&8	350/-
15	Special repair to various residential buildings under Shimla Division No.III (SH: - Covering of front side Courtyard at Marlin Park block No.1) at Nabha Estate Shimla).	Rs.2,39,623/-	Rs.4800/-	One Month	6&8	350/-
16	A/R & M/O to residential buildings under Shimla Division No.III (SH:-Providing and fixing cupboard in Rooms and kitchen in Block No.9 Ground floor at Barnes Court Shimla).	Rs.2,21,898/-	Rs.4440/-	One Month	6&8	350/-
17	A/R & M/O Various Non residential building under Shimla Division No III (SH:- Construction of RCC protection wall to PWD structural steel PWD store etc)at Nabha Estate Shimla).	Rs.1,22,669/-	Rs.2500/-	One Month	6&8	350/-
18	S/R to Armsdale Building at HP Secretariat Shimla-2 (SH:-Providing and fixing cup board and PVC flooring in Room No. A319, office table in Room No.A216, polishing in conference hall and other minor repairs etc.).	Rs.2,74,422/-	Rs.5490/-	One Month	6&8	350/-
19	A/R & M/O Armsdale Building at HP Secretariat Shimla-2 (SH:- Providing and laying granite and kota stone in front gate No.3, providing and fixing rack etc. in Room No. A222 and A229).	Rs.1,91,676/-	Rs.3840/-	One Month	6&8	350/-
20	Restoration of Rain Damages to Road from Navbahar to Ritiz Km. 0/00 to 3/510 (SH:- Providing and laying hot applied Thermo Plastic line along with Road Between RD. 0/00 to 3/510).	Rs.1,57,950/-	Rs.3160/-	One Month	6&8	350/-
21	A/R & M/O to Residential building under Shimla Division No.III (SH:- Providing and fixing sliding door Bolt, Tower Bolt and Glass Panes etc. in Set No. 820 to 835 of Block No.44 Type-IV Sector-4 at New Shimla).	Rs.1,09,829/-	Rs.2200/-	One Month	6&8	350/-
22	A/R & M/O to various residential building under Shimla Division No.III (SH:- Painting and distempering inner side set No. 632, 633, 634, 635, 636, 637 and 640 & GI fittings in set No. 632 etc.).	Rs.1,80,112/-	Rs.3610/-	One Month	6&8	350/-
23	Special repair to old Ellerslie building at HP Secretariat Shimla-2 (SH:- Renovation of store room of State Office).	Rs.4,99,505/-	Rs.10000/-	One Month	6&8	350/-
24	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Providing & fixing flooring in Set No. O-II/105, 112, 37/8, 12, 13, 14, 25-II/63, D-I/27, B-III/14 etc.) at Nabha Estate Shimla).	Rs.2,24,939/-	Rs.4500/-	One Month	6&8	350/-

25	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Construction of retaining wall in front side of Marlin Park Cottage G.F.) at Nabha Estate Shimla).	Rs.3,42,550/-	Rs.6900/-	One Month	6&8	350/-
26	Restoration of Rain Damages on Road from Navbahar to Ritiz Km. 0/00 to 3/510 (SH:-Providing renewal coat of 30mm Thick Bituminous concrete on Navbahar to Ritiz Between Km. 0/00 to 3/510).	Rs.1,46,775/-	Rs.2940/-	One Month	6&8	350/-
27	Special repair to Principal office at IGMC Shimla (SH:-C/O Toilet & Breast Wall by dismantling, providing and laying CC 1:3:6, Brick work, steel work, tile work and sanitary fittings etc. complete).	Rs.4,53,301/-	Rs.9070/-	One Month	6&8	350/-
28	A/R & M/O to various residential building under Shimla Division No.III (SH:- Providing and laying ceramic floor tiles in Back side of veranda & stair case vitrified tiles in Risers of steps of Block No.25 Set No. 607 to 623 Ground floor to Fourth floor).	Rs.2,58,784/-	Rs.5180/-	One Month	6&8	350/-
29	A/R & M/O to Phase-I Building (Block-A) at IGMC Shimla (SH:-Painting and distempering in ground floor to third floor, stair portion of Block-A and Out side of D-Block at IGMC Shimla).	Rs.3,77,048/-	Rs.7550/-	One Month	6&8	350/-
30	A/R & M/O various residential buildings under division No.III Shimla (SH:- Providing steel shed, painting and distempering, repair of tile work in Curzon House)	Rs.2,34,036/-	Rs.4680/-	One Month	6&8	350/-
31	S/R to High Court Building Shimla (SH:-Providing and fixing PVC flooring in old Court room 1 & Session Judge Room, painting and distempering in old Court room etc.).	Rs.2,83,653/-	Rs.5670/-	One Month	6&8	350/-
32	Special repair to DDUZ hospital building at Shimla (SH:-Renovation of blood bank).	Rs.4,99,666/-	Rs.10000/-	One Month	6&8	350/-
33	A/R & M/O various residential buildings under Division No.III Shimla (SH:- Repair/replacement of water storage tanks and cleaning thereof for various residential buildings under Benmore Section).	Rs.3,27,336/-	Rs.6550/-	One Month	6&8	350/-
34	S/R to various residential buildings under division No.III Shimla (SH:-Repair of tile work, Marble work, window shutters, repair of cupboards and other miscellaneous repair work in block-33 of set No. 4, 6, 11, 13 at U.S.Club Shimla).	Rs.3,87,672/-	Rs.7750/-	One Month	6&8	350/-
35	S/R to various residential buildings under division No.III Shimla (SH:- Supporting structure to kitchen garden near Curzon House Building).	Rs.3,02,951/-	Rs.6060/-	One Month	6&8	350/-
36	A/R & M/O to various residential buildings under division No.III Shimla (SH:- Dry cleaning of carpet and curtain, cushion in residential accommodations in Benmore Section Shimla).	Rs.86,545/-	Rs.1730/-	One Month	6&8	350/-
37	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Construction of Pedestal & water storage tanks to block No.31) at Nabha Estate Shimla).	Rs.2,01,847/-	Rs.4050/-	One Month	6&8	350/-
38	A/R & M/O various residential blocks/sets at Nabha Estate Shimla H.P. (SH:- Internal painting & distempering in Vacation and due sets during 2022-23 to block No.M-II/90, J-II/65, N-II/98, Q-II/139, 25-II/62, E-II, F-II-III/68, G-II/77, 25-III/63, F-III/41, 1/16 Royal Hostel, C-II/18, 37/8, 11, 14 out houses, 28A/9, 32-II/122 etc.) at Nabha Estate Shimla.	Rs.2,37,343/-	Rs.4750/-	One Month	6&8	350/-
39	A/R & M/O to various residential buildings under division No.III Shimla (SH:- Construction of retaining wall back side of block No.32 at U.S. Club Shimla).	Rs.2,47,301/-	Rs.6950/-	One Month	6&8	350/-
40	A/R & M/O Armsdale building at H.P. Secretariat Shimla (SH:- Providing and fixing prefabricated guard cabin in NIC parking at H.P. Sectt.	Rs.1,51,040/-	Rs.3026/-	One Month	6&8	350/-

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

Terms & Conditions:-

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

NO.SD-III-CB-Tender/2022-23-

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

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

Dated:-

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. 382067.00
Earnest Money Rs. 7640.00
Time:- One Month.

Name of work:- Special repair to Hon'ble Chief Justice Residential building at Shimla. (SH:- Painting , distempering and polishing etc in chief justice residence at Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	1002.38 Sqm			Per square metre	
2	Painting wood work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	1290.16 Sqm			Per square metre	
3	Polishing one or more coats with PU polish of required shade on previous polished 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.	521.48 Sqm.			Per square metre.	
4	Finishing walls with Acrylic Smooth exterior Emulsion of required shade complete including carriage of materials within all leads and lifts:- Old work (One or more coat) including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	1626.80 Sqm			Per square metre	
6	Applying priming coat With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works including carriage of materials within all leads and lifts.	38.75 Sqm			Per square metre	
7	Painting on G. S. sheet / steel work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Old work (one or more coats) including carriage of materials within all leads and lifts.	38.75 Sqm			Per square metre	
8	Removing white or colour wash by scraping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	100.00 Sqm			Per square metre	
9	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.	100.00 Sqm			Per square metre	
Conditions:-					Total	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs 265712.00

Earnest Money Rs 5310.00

Time:- one month.

Name of work:- Improvement of road from cart road to Annadale road Km 0/00 to 4/160 (SH:- C/O Paraphets, Providing and Fixing Barrier railing at RD 3/180 to RD 3/206 and soling etc)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Surface dressing of ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m	Cum	273.10		Per Cubic metre	
2	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	Cum	40.97		Per square metre	
3	Supplying, stacking and Spreading 6 mm thick bajri, watering and rolling complete including preparation of the surface and rolling. With road roller/ hand roller	Sqm	273.10		Per square metre	
4	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts.:- All kinds of soil.	Cum.	2.63		Per square metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	Cum.	6.68		Each	
6	Providing and erecting a "W" metal beam crash barrier comprising of 300mm wide X 3mm thick corrugated sheet metal beam rail, 80cm above road/ ground level, fixed on channel vertical post made of galvanised iron sheet of size 150mm X 75mm X 5mm spaced 2m centre to centre, 1.8m high, 1.0m below ground/ road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150mm X 75mm X 5mm, 200mm long complete including high intensity grade all weather proof reflective sheeting multi colour tape of approved shape and quality fixed all over on front face of longitudinal channel rail with mechanically means with high visibility (Cautionary) from long distance i.e. in fog prone area, black spot point and narrow curves etc. including carriage of materials within all leads and lifts.	Rmt.	26.00		Per square metre.	
	<i>Rates should be quoted for all heights including all leads and lifts for internal and external works.</i>				Total	
	<i>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.</i>					

Executive Engineer,

Shimla Division No. III,

HP. PWD. Shimla-3.

SCHEDULE OF QUANTITY

Estimated cost:- 181649.00
 Earnest Money:- 3650.00
 Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing flooring in Set No. H-III/87, E-II, F-II/68, 20/4, MF, 20/7MF etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or matted finish of approved brand, colour/pattern laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	204.10 Sqm			Per Square Metre	
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-171603

SCHEDULE OF QUANTITY

Estimated cost:- 397662.00

Earnest Money:- 7980.00

Time :- One Month.

Name of work:- - A/R and M/O to various residential buildings under division no iii Shimla.(Sh:- Repair of old roofing facia, soffits etc.in secretary cottage at U.S Club Shimla)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet. including carriage of materials within all leads and lifts	75.79 Sqm.			Per square metre.	
2.01	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position. complete including carriage of materials within all leads and lifts :-2nd class deodar wood.	0.221 Cum			Per Cubic metre	
	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.62 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	64.59 Sqm.			Per square metre.	
3	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 including carriage of materials within all leads and lifts:- 0.62 mm thick with zinc coating not less than 275 gm/m².	5.08 Rmt.			Per running metre	
4	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.62 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 : 12.51.6 Gutter (600 mm over all girth).	23.75 Rmt.			Per Running metre	

5	Providing and fixing valley 60 cm overall 0.62mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester organic coating of back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted iron J or L hooks, bolts and nuts 6mm dia with pre-painted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-in-charge including carriage of materials upto all leads and lifts.	4.20 Rmt.			Per running metre.
6	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ facial soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer in charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	35.22 Sqm			Per square metre
8	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. Electric resistance or induction butt welded tubes	1492.73 Kg			Per/kg
9	Applying priming coat on new steel and other metal surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering complete With red oxide.	35.22 Sqm			Per square metre
10	Painting two coats (excluding priming coat on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foreign matters with Enamel paint other than white including carriage of materials within all leads and lifts.	35.22 Sqm.			Per square metre.
11	Providing and fixing on wall face PVC (finolex) type-A rain water pipes with collar and clamps etc. of working pressure not less than 4.5 kg/sqm including filling the joints with approved adhesive complete. 110mm dia pipes including carriage of materials within all leads and lifts.	18.30 Rmt.			Per running metre.
12	Providing and fixing PVC (finolex) Plain bends of required degree (any radius) including fixing with approved adhesive etc. complete, including carriage of materials within all leads and lifts. (i) 110 mm nominal size.	6.00 No.			Each
13	Providing and fixing PVC (finolex) Plain shoe, including carriage of materials within all leads and lifts. (i) 110 mm nominal size.	3.00 No.			Each

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 92820.00
Earnest Money Rs. :- 1860.00
Time:- One Month.

Name of work: -A/R & M/O to Type-II sets Mashobra View at IGMC. Shimla(SH:- Painting and Distemping in Tye-II sets 1,2,3,5,6,8 & 9)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	730.49 Sqm			Per Square Metre	
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	292.20 Sqm.			Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	292.20 Sqm			Per Square Metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on Wood Based Surfaces :(i) One or more coats on old work	656.00 Sqm			Per Square Metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on Steel Surfaces :(i) One or more coats on old work	11.24 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
HP. PWD. Shimla

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 163172.00
Earnest Money Rs. :- 3270.00

Time:- One Month.

Name of work: - A/R and M/O various residential building under Shimla Division No. III, Shimla. (SH:-Providing and laying chequered tiles in flooring in front of block No. 1 of Ellerslie quarter Chotta Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	9.63 Cum			Per cubic metre.	
2	Chequered precast concrete tiles 22mm thick 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) Light shade pigment using white cement complete including carriage of materials within all leads and lifts.	96.25 Sqm.			Per Square metre	
	Conditions:-					
	i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc. ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.					
					Total	

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 350230.00
Earnest Money Rs. :- 7010.00

Time:- One Month.

Name of work: -A/R & M/O to Non Residential Building under shimla Division No.III(SH:- C/O Retaining Walls, Breast Walls in Entrance Road for First floor parking Block- D at at Nirman Bhawan Nigam Vihar Shimla-2)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	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. (i) All kinds of soil.	26.03 Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. (i) All kinds of soil.	11.05 Cum			Per Cubic Metre	
3	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.	71.13 Sqm			Per square 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 : (i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	44.06 Cum			Per Cubic Metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work including Carriage of materials with in all leads and lifts and as per direction by the Engineer-In-Charge (i) (ii) Suspended floors, roofs, landings, balconies and access platform	3.00 Sqm.			Per Square Metre	
6	(ii) Edges of Slabs and Breaks in floors (a) under 20 cm. wide	3.00 Rmt			Per Running Metre	
7	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.45 Cum			Per Cubic Metre	
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level (i) Mild steel and Medium Tensile steel bars	175.50 Kg			Per Kilogramme	
9	Providing weep holes in brick masonry /stone masonry/plain reinforced concrete abutment ,wing wall return wall with 100 mm (one hundred millimetre) dia ,PVC pipe extending through the full width of the structure with slope of 1(v): 20 (Twenty) (H) towards drawing face complete complete as per drawing and technical specification clauses 614,709,1204,3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	29.20 Rmt.			Per Running metre	

10	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	10.20 Sqm		Per Square Metre	
11	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 lalleasts, 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.	37.08 Cum		Per Cubic Metre	
12	15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)including carriage of materials within all leads and lifts	36.39 Sqm		Per Square Metre	
Conditions:-				Total	

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

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

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 215712.00
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, roofing, flooring including sanitary fittings in block No. 20/2TF type-VI & 37/1TF type-IV etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts. 2nd class deodar wood.	0.558 Cum			Per cubic metre	
2	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.	15.71 Sqm			Per square meter	
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	1.90 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 within all leads and lifts	15.87 Sqm.			Per square metre.	
5	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sumnica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	2.02 Sqm.			Per square metre.	
6	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.	103.08 Rmt.			Per running metre.	
7	Providing and fixing 125mm aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1668) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts.	5.00 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.	4.00 No.			Each	
9	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1668) transparent or dyed to required colour or shade, with necessary screws etc. complete :-150x10 mm including carriage of materials within all leads and lifts.	2.00 No.			Each	
10	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 within all leads and lifts.125 mm size.	8.00 set			Each Set	
11	Providing and fixing M.S. welded mesh 25mmX25mmX2mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	15.98 Sqm			Per square meter	
12	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.	8.64 Sqm			Per square meter	
13	Dismantling of wooden floors upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials (joists to be measured and paid for separately) including carriage of materials within all leads and lifts.	12.99 Sqm			Per square meter	
14	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.	10.91 Sqm			Per square meter	
15	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) including carriage of materials within all leads and lifts.	4.25 Sqm			Per square meter	
16	Providing and fixing 1st quality ceramic glazed wall tiles of size 300x450mm 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.	17.55 Sqm			Per square meter	

18	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete, including carriage of materials within all leads and lifts.	4.37 Sqm.	Per square metre
19	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc including carriage of materials within all leads and lifts.	18.50 Rmt	Per running meter
20	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 including carriage of materials within all leads and lifts.	1.00 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 Wash basin size 550x400mm including carriage of materials within all leads and lifts	1.00 No.	Each
22	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore including carriage of materials within all leads and lifts.	10.00 No.	Each
23	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 890 gms 15 mm nominal bore including carriage of materials within all leads and lifts.	7.00 No.	Each
24	Providing and fixing PTMT 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
25	Providing and fixing 600mm x 20mm size C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials within all leads and lifts.	1.00 No.	Each
26	Providing and fixing acrylic shelf one set (three in one) corner including carriage of materials within all leads and lifts.	4.00 No.	Each
27	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.	10.00 No.	Each
28	Providing and placing on terrace (at all floor levels) polyethylene three layer sintex make 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. including carriage of materials within all leads and lifts.	1000.00 Ltrs.	Per Litre
	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 15 mm nominal bore 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.III.
HP.PWD.Shimla-174003

SCHEDULE OF QUANTITY

Estimated cost:- 168780.00
Earnest Money:- 3380.00
Time :- One Month.

Name of work:- -A/R and M/O to various residential buildings under division no iii Shimla.(Sh:-Providing and fixing PVC water tanks and G.I pipe in block I,II,IV,35,33 at U.S Club Shimla)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	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	14000.00	litr		Per square metre.	
2	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.External fittings.complete including carriage of materials within all leads and lifts	90.00	Rmt		Per Cubic metre	
3	Providing and fixing brass Gate valve with wheel 15mm nominal bore including carriage of material within all leads and lifts.	5.00	No		Per square metre.	
4	Providing and fixing G.I./M.I Union of including carriage of materials within all leads and lifts :-15 mm nominal bore.(New work)	14.00	No.		Per running metre	
					Total	

CONDITION

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 116058.00
Earnest Money Rs. :- 2330.00

Name of work: - A/R and M/O various residential building under Shimla Division No. III. (SH:-Providing and laying G.I. pipe line 25mm and 15mm dia, water storage tanks and sanitary fittings etc. in Block No.2, Block No.4 to 6, Block No.8 and Block No.9 to 11 of Ellerslie qtrs. at Chotta Shimla.)
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	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.	4000.00 ltr.			per ltr	
2	Providing and fixing 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:- (i) 15mm nominal bore.	42.70 Rmt.			Per running metre	
(ii)	25mm nominal bore.	18.30 Rmt.			Per running metre	
3	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i) 15mm nominal bore.	5.00 No.			Each	
(ii)	25mm nominal bore.	3.00 No.			Each	
4	Providing and fixing 10 litre capacity White P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures required to install complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge..	4.00 No.			Each	
5	Providing and fixing 15mm nominal bore C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810gms complete including carriage of materials within all leads and lifts.	12.00 No.			Each	
6	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete including carriage of materials within all leads and lifts.	14.00 No.			Each	
7	Providing and fixing high pressure PVC (finolex) Type-B spigot and socket, waste and ventilating pipes (SI) marked with one side collar including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts. (i) 110mm nominal size	36.60 Rmt			Per running metre	
8	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 10mm gap for thermal expansion:- (i) Plain bend 100mm dia.	6.00 No			Each	
(ii)	Single tee without door 110x110 dia	6.00 No			Each	
(iii)	Collar 110mm bend.	20.00 No			Each	
Conditions:-						
i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						
ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
Total						


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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 289361.00
Earnest Money Rs. :- 5790.00

Time:- One Month.

Name of work: -A/R & M/O to Non Residential Building under shimla Division No.III(SH:- C/O Dust Bin in front of Block-B and MS. Railing in Entrance Road to Block-D First Floor Parking at Nirman Bhawan Nigam Vihar Shimla-2)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Steel work riveted Bolted in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	1577.89 Kg.			Per Kilogramme	
2	Steel work welded in built up sections, including hollow section trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint:-In beams joists, chanel, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	393.02 Kg			Per Kilogramme Metre	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	118.80 Kg.			Per Kilogramme	
4	Providing and fixing 3 mm thick chequered steel plates including cutting , welding complete in flooring over steel frame work (frame work to be paid separately) including all carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Priming coat of red lead paint.	157.32 Kg.			Per Kilogramme	
5	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. including carriage of materials within all leads and lifts.	6.25 Sqm			Per square meter	
6	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :(i) Ridges plain (500 - 600mm)	6.40 Rmt.			Per Running Metre	

7	Providing and fixing precoated galvanised iron profile sheets Plain as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. including carriage of materials within all leads and lifts.	18.48	Sqm			Per square meter	
8	Providing and fixing 25mm long fastner for fixing M.S. sheet, P.G.I. Sheet and polycarbonate sheet with frame etc. complete.	272.00	No			Each	
9	Providing and fixing ISI marked oxidised M.S. pressed Parliamentary hinges with necessary screws etc. complete :including carriage of materials within all leads and lifts.(i) 100x58x1.9mm	4.00	No.			Each	
10	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm.	1.00	No.			Each	
11	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	13.20	Sqm			Per square meter	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

12

Estimated Cost Rs. :- 390204.00

Earnest Money Rs. :- 7810.00

Time:- One Month.

Name of work: -Special repair to Residential building Under Shimla Division No.III(SH:- Providing and Laying Chequered tiles flooring front side of Basement floor, back side of Ground floor, "U" Shape Drain , MS. , Gratings over "U" Shape Drain . PVC. Pipe for disposal of Drain water of Block. No. 28 Sector- III at New Shimla)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	7.30	Cum.			Per Cubic Metre	
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	50.42	Sqm			Per Square Metre	
3	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.(i) Ordinary rock	19.08	Cum.			Per Cubic Metre	
4	Centering and shuttering including strutting, propping etc. and removal of form work for :(i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	14.17	Sqm			Per Square Metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	6.30	Cum.			Per Cubic Metre	
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	7.88	Cum.			Per Cubic Metre	
7	Chequered precast cement concrete tiles 22mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) Medium/ Dark shade pigment using ordinary cement complete within carriage of material in all leads and lifts.	62.95	Sqm			Per Square Metre	
8	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:6 (1 cement: 6 fine sand)	50.42	Sqm			Per Square Metre	

9	Providing and laying Ceramic glazed Digital Wall tiles of size 300x600 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:3 (1 Cement : 3 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	50.42	Sqm			Per Square Metre	
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.(i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	843.46	Kg			Per Kilogramme	
11	Providing and fixing ISI marked oxidised M.S. pressed butt hinges with necessary screws etc. complete.(i) 125x65x2.12 mm	52.00	No			Each	
12	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :(i) 125 mm	26.00	No			Each	
13	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	26.00	No			Each	
14	Providing and fixing ISI marked high pressure PVC spigot and socket, waste and ventilating pipes Type-B including fixing with approved adhesive etc. complete.(i) 150mm Diameter	15.00	Rmt			Per Running Metre	
15	Providing and fixing PVC collers Type-B including fixing with approved adhesive etc. complete.(i) 150 mm Dia	4.00	No			Each	
16	Providing and fixing PVC plain bend Type-B including fixing with approved adhesive etc. complete (i) 150 mm Dia	3.00	No			Each	
17	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm spread thickness (finished work including materials and labour)	9.45	Cum.			Per Cubic Metre	

18	Disposal of moorum/ buliding rubbish/ malba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. Foe lalleafts, complete as per dierection of Engineer- in Charge.Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carring motor vehicle of 3.5 cum. or More.	19.08	Cum.				Per Cubic Metre	
Conditions:-							Total	

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

ii Useful materials will be handed over to the Assistant Engineer, 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-2

SCHEDULE OF QUANTITY

13

Estimated Cost Rs. :- 437534.00
 Earnest Money Rs. :- 8760.00
 Time:- One Month.

Name of work: - Special Repair to Eilerslie Main Building at HP Secretariat Shimla-2. (SH: -Repair,panelling and polishing work etc. in Room No.105.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in Shutter for cupboard etc. including fixing with nickel plated piano Hinges with screw etc complete including carriage of material within all lead and lift as per direction of engineer in charge.	10.18 Sqm			Per square metre	
2	Providing and fixing 19mm thick commercial board in shelve / box for cupboard with butt joints and fixing with nails and screw etc complete including carriage of material within all lead and lift as per direction of engineer in charge.	25.88 Sqm			Per square metre	
3	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.-2nd class sal wood.	0.84 Cum			Per cubic metre	
4	Providing and fixing 12 mm thick commercial ply board lining/ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) complete including carriage of materials within all leads and lifts.	69.82 Sqm			Per square metre.	
5	Providing and fixing 12 mm thick Pine Wood wood of approved quality tongued and grooved in lining / ceiling with butt jointing and nails etc.(frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	69.82 Sqm			Per square metre.	
6	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 4mm thick ply-3ply complete including carriage of materials within all leads and lifts.	4.56 Sqm			Per square metre.	
7	Polishing required coats with Melamine polish 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 up to all heights in all floor levels complete with scaffolding works	74.38 Sqm			Per square metre.	
8	Providing and fixing 50x12mm size wooden moulded beading to doors and windows frames in second class taek wood fixed with nails/iron screws etc. complete including carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge.	15.00 Rmt.			Per running metre.	
9	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	14.40 Sqm			Per Square metre	
10	Providing and fixing bright finished brass 100mm Mortice latch and lock and a pair of levers, handles with necessary screws etc. complete (indian make of approved quality) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.00 No.			Each	
11	Providing and supplying at site of work 8mm thick plain glass/ table glass with moulded edges including carriage of materials within all leads and lifts.	4.34 Sqm			Per Square metre	

12	Providing and fixing HDF decorative laminate parquat original flooring AC4 class, 8mm thick as per the approved sample and shade, placed over cushion of 2mm thick expended polethene foam plus 100 Microne thick polethene sheet under lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	20.09 Sqm.			Per Square metre	
13	Providing and fixing 125mm size bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	37.00 No.			Each.	
14	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.	15.00 No.			Each.	
15	Providing and fixing powder coated telescopic drawer channels 500 mm long with necessary screws etc. complete as per directions of Engineer- in-charge including carriage of materials in	13.00 No.			Each	
16	Providing and fixing drawer lock of superior quality including fitting etc. complete including carriage of materials in all leads and lifts.	10.00 No.			Each	
17	Providing, fixing and placing at site office table of size 2.40x0.90x0.75 metre with 19mm thick commercial board finished with 4mm teak ply on exposed surfacea & Key board and channel etc. with two drawer single side with channel alongwith brass handle and melamine polish etc. complete including carriage of materials in all leads and lifts.	1.00 No.			Ech	
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

(14)

Estimated Cost Rs. :- 366989.00

Earnest Money Rs. :- 7340.00

Time:- One Month.

Name of work: - Special repair to Residential building Under Shimla Division No.III(SH:- Providing and Laying floor tiles , Wall Tiles, Cup Board ,Painting and Plastic emulsion etc. Block No.25 A in set No.627,628,629 & 633 Sector- III at New Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	42.27 Sqm			Per Square Metre	
2	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:6 (1 cement: 6 fine sand)	42.27 Sqm			Per Square Metre	
3	Providing and fixing 6mm thick ply wood lining with but jointing and nails(frame work and cover fillets to be measured and paid for separately.	1.71 Sqm			Per Square Metre	
4	Providing and fixing 19mm (Nineteen milimetre) thick commercial board Shutters for cup board etc., with screws and fittings wherever required, (fittings to be paid separately) including ISI marked nickel plated bright finishing M.S. piano hinges conforming to IS:3818 marked with necessary screw etc all complete.	3.56 Sqm			Per Square Metre	
5	Providing and fixing 19mm (Nineteen milimetre) thick commercial board for cup board etc., in shelves with screws and fittings wherever required, (fittings to be paid separately).	12.13 Sqm			Per Square Metre	
6	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	6.94 Sqm			Per Square Metre	
7	Providing and fixing hard wood plain square edged cover fillets (beading) 19mmx3mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	41.60 Rmt			Per Running Metre	
8	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position :(i) Rai wood/Kail wood/Chil Wood	0.033 Cum.			Per Cubic Metre	
9	Providing and fixing bright finished brass handles with screws etc. complete:(i) 100mm	13.00 No			Each	
10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. (i) Triple strip vertical type	9.00 No			Each	

11	Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.(i) Size of Tile 600x600 mmx8mm	154.76	Sqm			Per Square Metre	
12	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.(i) Size of Tile 600x600 mm	42.27	Sqm			Per Square Metre	
13	Providing and fixing 1st quality ceramic glazed floor 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.	7.39	Sqm			Per Square 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.	14.96	Sqm			Per Square Metre	
15	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.(i) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	14.96	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 over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	14.96	Sqm			Per Square Metre	
17	Disposal of moorum/ buil;ding rubbish/ malba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. For lalleasts, complete as per dierection of Engineer- in Charge.Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carring motor vehicle of 3.5 cum. or More.	0.850	Cum.			Per Cubic Metre	
18	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :(i) Flat back wash basin of size 630x450 mm	4.00	No			Each	
19	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	4.00	No			Each	
20	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	5.00	No			Each	
21	Providing and fixing uplasticised PVC connection pipe with brass unions :(a) 45 CM.long (i) 15 mm nonal Diametre	4.00	No			Each	
22	Providing and fixing CP. brass stop cock of approved quality :(i) 15mm nominal size	4.00	No			Each	

23	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	4.00	No			Each	
24	Providing and fixing C.P. Flange(size 65mm) of approved make and quality as per direction of Engineer-in-charge.	4.00	No			Each	
25	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :(i) Kitchen sink with drain board (a) 610x510 mm bowl depth 200 mm	1.00	No			Each	
Conditions:-						Total	

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

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

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

239623.00
4800.00
One Month

Name of work:- Special repair to Various residential buildings under Shimla Division No. III (SH:-Covering of front side Courtyard at Marlin Park block No. 1) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing polycarbonatd tranparent 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.	64.26 Sqm			Per square meter	
2	Providing and fixing M.S. welded mesh 25mmX25mmX2mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	150.06 Sqm			Per square meter	
3	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.	8.00 No			Each	
4	Providing and fixing 150x10 mm ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
5	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of 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.	9.84 Sqm			Per square meter	
6	Painting steel work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture including carriage of materials within all leads and lifts.	294.74 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 Eigneer- in- charge before use.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 221898.00
Earnest Money Rs. :- 4440.00
Time:- One Month.

Name of work: -A/R &M/O to Residential building Under Shimla Division No.III(SH:- Providing and Fixing cup Board in Rooms and Kitchen in Block No. 9 Ground Floor at Barnes Court Shimla)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Providing and fixing 6mm thick ply wood lining with but jointing and nails(frame work and cover fillets to be measured and paid for separately.	18.20	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	14.02	Sqm.			Per Square Metre	
3	Providing and fixing 19mm thick water proof 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	50.58	Sqm.			Per Square Metre	
4	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	108.65	Sqm.			Per Square Metre	
5	Providing and fixing hard wood plain square edged cover fillets (beading) 19mmx6mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	164.95	Rmt.			Per Running Metre	
6	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.	4.00	Nos.			Each	
7	Providing and fixing magnatic catcher with screws etc. complete including carriage of materials within all leads and lifts.	40.00	No			Each	
8	Providing and fixing bright finished brass furniture handles with screws etc. complete:including carriage of materials within all leads and lifts (i) 125 mm	45.00	No			Each	
9	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.	21.07	Sqm			Per Square Metre	
10	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.(I) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	21.07	Sqm.			Per Square Metre	

11	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture including carriage of materials within all leads and lifts	21.07	Sqm.			Per Square Metre	
12	Providing and Fixing S.S Pipe Curtain rods with S.S. Brackets and Screws etc. Complete (i) 20 mm Dia	4.30	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.
- 1V Recovery of usefull bricks 181.00. recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.


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


(17)

SCHEDULE OF QUANTITY

Estimated cost:-

122669.00

Earnest Money:-

2500.00

Time :-

One Month

Name of work:-A/R & M/O Various Non residential buildings under Shimla Division No. III (SH:-Construction of RCC protection wall to PWD structural steel PWD store etc) at Nabha Estate Shimla.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, helves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	7.67 Cum			Per Cubic meter	
2	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers including carriage of materials within all leads and lifts.	34.04 Sqm.			Per square meter	
3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars including carriage of materials within all leads and lifts.	613.60 Kg			Per Kilogramme	
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.
HP.PWD.Shimla-171003

18

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 274422.00
 Earnest Money Rs. :- 5490.00
 Time:- One Month.

Name of work: - S/R to Armasdale Building at HP. Sectt. Shimla-2(SH:-Providing and fixing cup board and PVC flooring in Room No. A319, office table in Room No. A216, polishinh in conference hall and other minor repairs etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	In words		
1	Providing and fixing 19mm thick commercial board in shelve / box for cupboard with butt joints and fixing with nails and screw etc complete including carriage of material within all lead and lift as per direction of engineer in charge.	32.94 Sqm			Per square metre	
2	Providing and fixing 9 mm thick commercial ply board lining/ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) complete including carriage of materials within all leads and lifts.	30.64 Sqm			Per square metre.	
3	Providing and fixing 19mm thick commercial board in Shutter for cupboard etc. including fixing with nickel plated piano Hinges with screw etc complete including carriage of material within all lead and lift as per direction of engineer in charge.	14.40 Sqm			Per square metre	
4	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.	7.57 Sqm			Per Square metre	
5	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.	27.00 Rmt.			Per running metre.	
6	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of approved. make, plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treetment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	30.65 Sqm			Per square metre	
7	Providing and fixing 100mm size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	32.00 No			Each.	
8	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.	32.00 No.			Each.	
9	Providing and fixing drawer lock of Godrel Make superior quality with fitting etc. complete including carriage of materials in all leads and lifts.	15.00 No.			Each	
10	Providing and fixing M.S. key board tray complete as per the direction of Engineer -in-Charge including carriage of materials in all leads and lifts.	18.00 No.			Each	
11	Providing and fixing bright finished long leg type hydraulic door closer of Godrej make or equivalant with screws etc. complete including carriage of materials in all leads and lifts.	6.00 No.			Each	
12	Providing and fixing 500ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	10.00 No.			Each	

13	Providing, fixing and placing at site office table of size 5'0" X 2'6" X 2'6" with 19mm thick commercial board finished with 1.00mm thick sunmica & Key board with sunmica and channel etc. with two drawer single side with channel alongwith brass handle and melamine polish etc. complete and cup board in complete including carriage of materials in all leads and lifts.	2.00 No.			Ech	
14	Applying one or more coat of paint based putty made of whitting 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.	80.28 Sqm			Per square metre.	
15	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture complete including carriage of materials within all leads and lifts..	80.28 Sqm			Per square metre.	
16	Polishing required coats with Melamine polish 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 up to all heights in all floor levels complete with scaffolding works including carriage of materials within all leads and lifts.	205.19 Sqm			Per square metre.	
Conditions:-						
					Total	

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

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

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

SCHEDULE OF QUANTITY

19

Estimated Cost Rs. :- 198676/-
240250.00
Earnest Money Rs. :- 3840/-
4010.00
Time:- One Month.

Name of work: - A/R & M/O Armasdale Building at HP. Sectt. Shimla-2(SH:-Providing and laying granite and kota stone in front of gate No.3, providing and fixing rack etc. in Room No.A222 and A229.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.	6.24 Sqm			Per square metre	
2	Stone work (machine cut edge veneer work) 25mm thick for wall lining upto 10m height, backing filled with a grout of 12mm thick cement mortar 1:3 (1 Cement : 3 coarse sand) and jointed with Cement mortar 1:2 (1 cement : 2 stone dust), including rubbing and polishing complete. (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) including carriage of materials within all leads and lifts	16.32 Sqm			Per Square metre	
3	Providing and fixing 19mm thick commercial board in shelf / box for cupboard with butt joints and fixing with nails and screw etc complete including carriage of material within all lead and lift as per direction of engineer in charge.	21.06 Sqm			Per Square metre	
4	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.	42.12 Sqm			Per Square metre	
5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, of Second class deodar wood 35 mm thick, including ISI marked M.S. pressed stainless butt hinges of required size with necessary steel screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.	4.62 Sqm			Per Square metre	
6	Providing and fixing 12 mm thick Pine Wood wood of approved quality Tongued and Grooved in lining / ceiling with butt jointing and nails etc.(frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	22.40 Sqm			Per Square metre	
Conditions:-						Total

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

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

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

SCHEDULE OF QUANTITY

(20)

Estimated Cost Rs. :- 157950.00

Earnest Money Rs. :- 3160.00

Time:- 15 Days

Name of work: - Restoration of Rain Damages to Road from Navbahar to Ritiz Km. 0/00 to 3/510 (SH:- Providing and Laying hot applied Thermo Plastic line along with Road Between Rd. 0/00 to 3/510)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figuers	In words		
2	Providing and laying of hot applied thermoplastic compound 2.5mm thick including refectorising glass beads @ 250 Gms. Per sqm. . Area thickness 2.5 mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level , uniform and free streaks and holes as per MORD specification including carriage of all Labour equipment and Matrial to various location through all modes of transporation in all leads and lifts and all incidental charges.	351.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

21

Estimated Cost Rs. :- 109829.00

Earnest Money Rs. :- 2200.00

Time:- One Month.

Name of work: -A/R &M/O to Residential building Under Shimla Division No.III(SH:- Providing and Fixing Sliding door Bolt , Tower Bolt and Glass Panes etc in Set No. 820 to 835 of Block No. 44 Type-IV Sector- 4 at New Shimla)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 300x16 mm.	40.00	No.			Each	
2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 150x10 mm	80.00	Nos.			Each	
3	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty::including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge.(i) Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	8.48	Sqm			Per Square Metre	
4	Renewal of old putty of glass panes including removing (length) as per direction of Engineer in- Charge.	1227.20	Rmt			Per Running Metre	
5	Providing and fixing Health faucet fitting complete including carriage of materials within all leads and lifts :- ESS ESS C-232A.	16.00	No			Each	
6	Providing and Fixing 15mm Nominal bore CP. Brass bib Tap with Capstan Head of ESS Ess Make Cattlogue No. C-202 or Equivalent including carriage of materials with in all leads and Lifts.	14.00	No			Each	
Conditions:-						Total	

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

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

SCHEDULE OF QUANTITY

22

Estimated Cost Rs. :- 180112.00
Earnest Money Rs. :- 3610.00
Time:- One Month.

Name of work: - A/R & M/O to Various Residential Building under shimla Division No.III (SH:- Painting and Distemping inner side set No. 632,633,634,635,636,637 and 640 & GI fittings in set No. 632 etc.)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Removing dry or oil bound distemper, water proofong 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.	531.16	Sqm			Per Square Metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	531.16	Sqm			Per Square Metre	
3	Painting with synthetic enamel paint on previously painted wood or steel surface 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.	551.94	Sqm			Per Square Metre	
4	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	885.26	Sqm.			Per Square Metre	
5	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. (i) Fixed to openings /wooden frames with rawl plugs screws etc.	5.12	KG.			Per Kilogramme	
6	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete (i) 250x16mm	4.00	No			Each	
7	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 250x10mm	34.00	No			Each	
8	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 125mm	20.00	No			Each	
9	Providing and Fixing S.S Pipe Curtain rods and Screws etc. Complete (i) 25 mm Dia	56.62	Rmt.			Per Running Metre	
10	Providing and Fixing S.S Curtain rods Brackets and Screws etc. Complete	34.00	Pair			Per Pair	
11	Providing and Fixing S.S Make Funnel for curtian rod edges Complete	8.00	Pair			Per Pair	
12	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : (i) 4.00 mm thick glass panes	6.40	Sqm			Per Square Metre	

13	Providing and fixing single hole wash basin with C.I. brackets, 15 mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:(i) White Vitreous China Wash basin size 630x450 mm with	1.00	No.			Each	
14	Providing and fixing CP Jet Complete Hook and Pipe Heavy Duty Size 15mm including carriage of materials within all leads and lifts	1.00	No			Each	
15	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	3.00	No			Each	
16	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	1.00	No			Each	
17	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.External work - (i) 15mm Nominal bore	42.70	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) : (i) 15 mm Nominal Bore	4.00	No			Each	
19	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :(i) 15 mm Nominal Size	2.00	No			Each	
20	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :(i) 15mm nominal bore	1.00	No			Each	
21	Providing and Fixing GI Hooks for fixing of GI Pipe with wall for 15 mm GI.Pipe etc. complete	10.00	No			Each	
22	Providing and fixing uplasticised PVC connection pipe with brass unions :60 cm length (i) 15 mm Nominal Bore	3.00	No			Each	
23	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.(i) (i) 15 mm Nominal Bore	4.00	No			Each	
24	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	6.00	No.			Each	
25	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	10.00	No			Each	
26	Providing and fixing C.P. Flange(size 65mm) of approved make and quality as per direction of Engineer-in-charge.	10.00	No			Each	
	Conditions:-					Total	

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

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

SCHEDULE OF QUANTITY

23

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

499505.00
10000.00
One Month.

Name of work: - Special repair to old Ellerslie building at HP Secretariat Shimla-2. (SH: - Renovation of Store room of State Office).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling roofing including ridges, hips, valleys and gutters etc and stacking the material within 50 metres lead of G.S. Sheet including carriage of materials within all leads and lifts. G.S. Sheet/prepainted sheet.	58.63 Sqm			Per square meter.	
2	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m Ordinary rock including carriage of materials within all leads and lifts.	3.38 Cum			Per Cubic meter	
3	Stone soling properly hand packed filling interstices with kharanja stone including watering and of binding materials moorum or earth etc including carriage of materials within all leads and lifts.	4.72 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 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)including carriage of materials within all leads and lifts.	4.79 Cum			Per Cubic meter	
5	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers. including carriage of materials within all leads and lifts.	8.76 Sqm			Per square meter	
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size) within.all leads and lifts as per direction of Engineer-in-charge.	1.31 Cum			Per cubic meter	
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level Mild steel and Medium Tensile steel bars including carriage of materials within all leads and lifts.	207.53 Kgs.			Per Killogramme	
8	Brick work with Common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor five level in all shapes and sizes in cement mortar 1:4 1:Cement:4 course sand) including carriage of materials within all leads and lifts.	8.11 Cum			Per cubic meter	
9	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. complete including carriage of materials within all leads and lifts:- 2nd class deodar wood.	0.179 Cum			Per cubic meter	
10	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class chil/Rai wood.	0.087 Cum			Per Cubic meter	
11	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	3.72 Sqm			Per square meter	

12	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 clerestorey 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.	3.72 Sqm.			Per square meter	
13	Providing and fixing 40mm x 3mm flat iron hold fast 40cm Long including fixing to frame with 10mm diameter bolts and nuts and wooden plugs and embedding in cement concrete block 30cm X 10cm X 15cm, 1:3:6 (1 cement : 3 sand:6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts.	18.00 No.			Each.	
14	Providing and fixing sliding door bolts with nuts and screws etc. complete.250x16 mm including carriage of materials in all leads and lifts.	2.00 No.			Each	
15	Providing and fixing tower bolt with necessary screws etc complete. 150x10mm including carriage of materials within all leads and lifts.	20.00 No.			Each	
16	Providing and fixing S.S. make handles with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	12.00 No.			Each	
17	Providing and fixing S.S. make 150mm M.S. hooks and eyes including carriage of materials in all leads and lifts.	8.00 No.			Each	
18	Providing and fixing 6mm thick commercial ply wood ceiling/partition of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	3.36 Sqm			Per square meter	
19	Providing and fixing 9mm thick commercial ply wood ceiling/partition of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	9.48 Sqm			Per square meter	
20	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.	3.22 Sqm.			Per square metre.	
21	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.	13.29 Sqm.			Per square metre.	
22	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	6.24 Sqm.			Per square metre.	
23	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.	38.40 Rmt.			Per running metre.	
24	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions in 1st class deodar wood including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	34.00 Rmt.			Per Running meter	
25	Providing and fixing chromium plated brass handles with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	8.00 No.			Each	
26	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.	8.00 No.			Each	
27	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 worksincluding carriage of materials within all leads and lifts.	1368.20 Kg.			Per Kiligramme	

28	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) Size of Tile 600x600 mm including carriage of materials within all leads and lifts.	9.72 Sqm			Per square meter	
29	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 @ 3.30 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials within all leads and lifts:- 600mm X 600mm Size.	1.27 Sqm			Per square meter	
30	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	15.76 Sqm			Per square meter	
31	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials within all leads and lifts.	26.32 Sqm			Per square meter	
32	15mm Cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:6 (1Cement:6 Sand) including carriage of materials within all leads and lifts.	63.76 Sqm			Per square meter	
33	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.	99.25 Sqm			Per square meter	
34	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	52.75 Sqm			Per square meter	
35	Painting on wood work with Deluxe Multi Surface Paint to give an even shade. two or more coat applied @ 0.90 ltr/ 10 sqm of approved brand and manufactur including carriage of materials within all leads and lifts.	52.75 Sqm			Per square meter	
36	Painting Steel work with Deluxe Multi Surface Paint to give an even shade two or more coat applied @ 0.90 ltr/ 10 sqm of approved brand and manufactur including carriage of materials within all leads and lifts.	17.34 Sqm			Per square meter	
37	Wall painting with acrylic emulsion 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	35.39 Sqm			Per square metre.	

38	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) including carriage of materials and as per the direction of the Engineer-in-Charge.	35.39 Sqm			Per square meter	
39	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.	3.38 Cum			Per cubic 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-
- 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. 111.
HP.PWD.Shimla-171003

241

SCHEDULE OF QUANTITY

Estimated cost:- 224939.00
Earnest Money:- 4500.00
Time :- One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing flooring in Set No. O-II/105,112, 37/8,12, 13,14, 25-III/63, D-II/27, B-III/14 etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Providing and fixing 1.50mm thick PVC/ Rubber tiles of approved brand & design in flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	252.74 Sqm			Per square meter	
CONDITION:-					Total:-	

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


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

25

SCHEDULE OF QUANTITY

Estimated cost:-
Earnest Money:-
Time :-

342550.00
6900.00
One Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Construction of retaining wall in front side of Marlin Park Cottage G.F.) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil including carriage of materials within all leads and lifts.	48.10 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 :-1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 25 mm nominal size) including carriage of materials within all leads and lifts.	61.90 Cum			Per Cubic meter	
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. including carriage of materials within all leads and lifts.	136.50 Sqm.			Per square meter	
4	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.	9.62 Cum			Per cubic 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,
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

26

Estimated Cost Rs. :- 146775.00
Earnest Money Rs. :- 2940.00

Time:- 15 Days

Name of work: - Restoration of Rain Damages on Road from Navbahar to Ritz km. 0/00 to 3/510(SH:-Providing renewal Coat of 30mm Thick Bituminous Concrete on Navbahar to Ritz Between Km. 0/00 to 3/510)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing & applying tack coat with bitumen emulsion (RS-1) using distributor at the rate of 0.25 to 0.30 Kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503 including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge.	343.30	Sqm		Per square meter	
2	Providing & laying bituminous concrete 30mm (thirty millimetre) thick with 100-120 (one hundred one hundred twenty) TPH batch type hot mix plant producing an average output of 75 (seventy five) tonnes per hours using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 (five point four to five point six) per cent of mix and filler, transportation the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 (five hundred nine) complete in all respects including carriage of materials within all leads and lifts as per direction of Engineer-in-Charge. The work should be executed as per job mix Formula approved by Department. The rates should be Quated accordingly nothing extra should be applicable on this account.	10.30	Cum		Per cubic meter	
Conditions:-						Total

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 453301.00

Earnest Money Rs. :- 9070.00

Time:- One Month.

Name of work: - Special Repair to Principal office at IGM. Shimla (SH:- C/O Toilet & Breast Wall by Dismantling , Providing and Laying CC. 1:3:6, Brick work , steel work, Tile work and Sanitary fittings etc. Complete)

Sl. No.	Items of work	Quantity		Rate		Unit.	Amount.
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)including carriage of materials within all leads and lifts.	0.12	Cum			Per Cubic Metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :(i) Of area beyond 3 sq. metres	1.00	No.			Each	
3	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :(i) Of area beyond 3 sq. metres	1.00	No.			Each	
4	Demolishing brick work 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 including carriage of materials in all leads and lifts.(i) In cement mortar	1.12	Cum			Per Cubic Metre	
5	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within carriage of material in all leads and lifts:- All kinds of soil.	18.85	Cum			Per cubic metre	
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	1.62	Cum.			Per Cubic Metre	
7	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.	31.95	Sqm			Per square meter	
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 40 mm nominal size)	31.56	Cum			Per Cubic Metre	
9	Backfilling behind abutment wing wall and return wall with Granual Material complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts.	3.38	Cum			Per Cubic Metre	
10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level;- Cement mortar 1:4 (1 cement :4 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	12.87	Sqm			Per Square metre	

	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in beams joists, channels, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	819.66	Kg			Per Kilogram me	
12	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Second class Deodar wood	0.075	Cum			Per Cubic Metre	
13	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)(i) Second class Deodar wood (a) 35mm thick shutters	2.30	Sqm.			Per Square Metre	
14	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete(i) 250x16mm	1.00	No			Each	
15	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 200x10mm	2.00	No			Each	
16	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 100x10mm	4.00	No			Each	
17	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 125mm	2.00	No			Each	
18	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete (i) Size of Tile 600x600 mm	2.42	Sqm			Per Square Metre	
19	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	19.64	Sqm			Per Square Metre	

	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	2.42	Sqm			Per Square Metre	
21	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : (i) Flashings/ Aprons. (Upto 600 mm)	2.70	Rmt.			Per Running Metre	
22	Providing and fixing M.S. BP sheet 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting , fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge.including entire carriage of materials in all leads and lifts	3.56	Sqm			Per Square Metre	
23	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:6 (1 cement: 6 fine sand)	14.17	Sqm.			Per Square Metre	
24	15 mm cement plaster on the Fair side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:6 (1 cement: 6 fine sand)	14.17	Sqm			Per Square Metre	
25	Painting with synthetic enamel paint on wood and Wood based Surfaces of approved brand and manufacture to give an even shade (i) :Two or more coats on new work	5.27	Sqm			Per Square Metre	
26	Painting with synthetic enamel paint on steel surface of approved brand and manufacture to give an even shade (i) :Two or more coats on new work	3.56	Sqm			Per Square Metre	
27	Finishing walls with Acrylic Smooth exterior paint of required shade :(i) Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	11.87	Sqm.			Per square meter	
28	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	11.87	Sqm			Per Square Metre	
29	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	1.00	No.			Each	

	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	1.00	Nos				Each	
31	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts	1.00	No.				Each	
32	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	2.00	No.				Each	
33	Providing and fixing C.P. grating of approved quality and colour. Circular type (i) 100 mm nominal dia	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.	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.	1.00	No				Each	
36	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	1.00	No.				Each	
37	Providing and fixing 15 mm nominal bore G.I. Pipes with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall	29.20	Rmt				Per running metre.	
38	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. (i) 15 mm nominal bore	1.00	No.				Each	
39	Providing and fixing CP. brass stop cock of approved quality : (i) 15 mm nominal bore	3.00	No.				Each	
40	Providing and fixing uplasticised PVC connection pipe with brass unions : (a) 45 cm length (i) 15 mm nominal bore	4.00	No.				Each	
41	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.	1.00	No.				Each	
42	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : (i) 15 mm Nominal Bore	4.00	No.				Each	
43	Providing and fixing high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts:- 110mm nominal size.	13.40	Rmt				Per running metre.	
43.1	150mm nominal size	6.80	Rmt				Per running metre.	

44	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	6.00	No			Each	
44.1	150mm nominal size.	4.00	No.			Each	
45	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00	No.			Each	
47	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	6.00	No			Each	
48	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 150mm nominal size.	3.00	No			Each	
49	Providing and fixing PVC (finolex) Plain bends of required degree (any radius) including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm nominal size.	6.00	No.			Each	
49.1	150mm nominal size.	2.00	No.			Each	
50	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. (i) The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	7.37	Sqm.			Per square meter	
51	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 alleafts, 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.	20.09	Cum.			Per Cubic Metre	
52	Providing and fixing rectangular high density polyethylene water storage I with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support i/c fittings & fixtures for tank shall be paid separately. including carriage of materials with in all leads and lifts complete in all respect as per the direction of Engineer - in Charge.	2000.00	Liter			Per litre	
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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 258784.00
Earnest Money Rs. :- 5180.00

Time:- One Month.

Name of work: -A/R &M/O to Various residential Building under Shimla Division No.III (SH:-Providing and Laying ceramic floor tiles in Back side of veranda & Stair Case vetrified tiles in Risers of steps of Block No. 25 Set No. 607 to 623 Ground floor to Fourth Floor)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	29.83 Sqm			Per Square Metre	
2	15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)including carriage of materials within all leads and lifts	29.83 Sqm			Per Square Metre	
3	Providing and laying Ceramic glazed(Digital) floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	156.88 Sqm			Per square meter	
4	Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.(i) Size of Tile 600x600 mmx8mm	29.83 Sqm			Per square meter	
5	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.(i) Size of Tile 600x600 mmx8mm	10.53 Sqm			Per square meter	
6	Providing and fixing 15mm nominal bore C.P. brass Sink mixer CERA Make of approved quality cat No F1015501 including carriage of materials within all leads and lifts.	2.00 No.			Each	

7	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	6.00	Cum			Per Cubic Metre	
	Conditions:-					Total	

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

- i Useful materials will be handed over to the Assistant Engineer, Sub Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.
- ii Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 377048.00
Earnest Money Rs. :- 7550.00

Time:- One Month.

Name of work: -A/R & M/O to Phase-I Building (Block-A) at IGMC. Shimla(SH):- Painting and Distempering in Ground Floor to Third Floor , Stair Portion of Block-A and Out side of D-Block at IGMC. Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figurers	In words		
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	979.67 Sqm.			Per Square Metre	
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	979.67 Sqm			Per Square Metre	
3	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:(i)One or more coats on old work	900.90 Sqm			Per Square Metre	
4	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 Wall surface complete including carriage of materials within all leads and lifts.	1548.28 Sqm			Per Square Metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work on Wood surface complete including carriage of materials within all leads and lifts.	75.74 Sqm			Per Square Metre	
6	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work on Steel surface complete including carriage of materials within all leads and lifts.	104.66 Sqm			Per Square Metre	
7	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 5.5 mm thick glass panes.	131.04 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
HP. PWD. Shimla-3

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 234036.00
Earnest Money Rs. :- 4680.00
Time:- one month.

Name of work:- A/R and M/O Various residential buildings under division No III Shimla. (Providing steel shed , painting and distempering, repair of tile work in Curzon House)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	19.59	Sqm		Per square metre.	
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	0.324	Cum		Per cubic metre.	
3	Providing and laying cement concrete 1:4:8 (1cement : 4sand : 8Graded stone aggregate 25mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc. including carriage of materials in all leads and lifts.	2.28	Cum		Per cubic metre	
4	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	2.90	Cum		Per Cubic metre	
5	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete 40mm thick with 20mm nominal size stone aggregate	19.59	Sqm		Per square metre	
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	429.53	Kg.		Per Kilogramme	
7	Providing and fixing 250x16mm M.S sliding door bolt. complete including carriage of materials within all leads and lifts.	1.00	No		Each	
8	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.60mm (+ 0.05%) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete including carriage of materials within all leads and lifts.	9.61	Sqm		Per square metre	

9	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.40mm (+ 0.05%) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete including carriage of materials within all leads and lifts.	33.75	Sqm			Per square metre	
10	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) 110mm dia.	36.00	Rmt			Per Running metre.	
(ii)	150mm dia.	29.00	Rmt			Per Running metre.	
11	Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	13.00	No.			Each	
12	Providing and fixing PVC Finolex door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	1.00	No.			Each	
13	Providing and fixing PVC (finolex) Type 'B' Reducer 150x110mm ISI marked including fixing with approved adhesive etc complete. i) 110 mm dia	4.00	No			Each	
14	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts. Size of Tile 600x600 mm.	22.62	Sqm.			Per square metre.	
15	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	14.22	Sqm.			Per square metre.	
16	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	45.91	Sqm			Per square metre	
18	Finishing wall with weather proof exterior grade emulsion of approved brand or its equariled on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials within all leads and lifts.	53.51	Sqm			Per square meter	

19	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	99.05	Sqm			Per square metre
20	Providing and fixing central hole wash basin mixture / sink mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-ESS ESS Trend series T-118.	1.00	No			Each
21	Providing and fixing Wall mixer non telephonic arrangement including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-Cat No. T-121	1.00	No			Each
22	Providing and fixing Acrylic shelf of ESS ESS make catalogue No. AC-107 or equivalent complete fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials in all leads and lift as per direction of Engineer in Charge.	1.00	No			Each
23	Providing and fixing towel ring of ESS ESS catalogue No. AC-202 or equivalent complete including carriage of materials within all leads and lifts.	1.00	No.			Each
24	Providing and fixing Ess Ess angle stop cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. T-112.E	5.00	No.			Each
25	Providing and fixing Ess ESS15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. T-105E	2.00	No.			Each
26	Providing and fixing Ess Ess towel rail including carriage of materials within all leads and lifts:- Ess Ess make Cat No. SQTW101	1.00	No.			Each
27	Providing and fixing 45cm length uplasticsed PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	3.00	No			Each
						Total
	Rates should be quoted for all heights including all leads and lifts for internal and external works.					
	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.

31

Time:- one month.

...ough Court Building Stimula. (Sri:— Providing and Fixing P.V.C Flooring in old court room 1 & Session Judge Room, Painting and distemper in old court room etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	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) 9 mm thick including carriage of materials within all leads and lifts.	128.88 Sqm			Per square metre.	
2	1.5 mm thick pvc/rubber tiles flooring 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.	154.55 Sqm.			Per square metre.	
3	Providing and fixing PVC step nosing L shape. including carriage of materials within all leads and lifts.	6.80 Rmtr			Per running metre.	
4	Wall painting with plastic emulsion of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	52.55 Sqm.			Per square metre.	
5	Painting wood work with Deluxe Multi Surface Paint to give an even shade. Old work one or more coat sqm of approved brand and manufacture	24.55 Sqm.			Per square metre.	
6	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	53.90 Sqm.			Per square metre.	
7	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.	53.90 Sqm.			Per square metre.	
8	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture	18.79 Sqm.			Per square metre.	
					Total	
	Rates should be quoted for all heights including all leads and lifts for internal and external works.				For the year 2022-23 duly approved for Rs	
	Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.				Draft schedule of quantity No.	
					2,83653/-only.	

for

SCHEDULE OF QUANTITY

Estimated cost:- 49966.00
Earnest Money:- 10000.00
Time :- One Month

Name of work:-Special repair to DDUZ hospital building at Shimla. (SH:-Renovation of blood bank).

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	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 tiles 600x600mm thick including carriage of materials within all leads and lifts.	155.63 Sqm			Per square meter	
2	Distemping with 1st quality acrylic 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.	155.63 Sqm			Per square meter	
3	Painting concrete work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm. of approved brand and manufacturer including carriage of materials in all leads and lifts.	500.59 Sqm.			Per square meter	
4	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer including carriage of materials within all leads and lifts.	276.00 Sqm			Per square meter	
5	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.	6.00 Sqm.			Per square metre.	
6	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	4.50 Sqm.			Per square metre.	
7	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete. Including carriage of materials in all leads and lifts.	16.39 Sqm.			Per square metre.	
8	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 Area of slab over 0.50 sqm including carriage of materials within all leads and lifts.	8.32 Sqm.			Per square meter	
9	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.	22.40 Rmt.			Per running meter	
10	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. complete including carriage of materials within all leads and lifts:- 2nd class deodar wood.	0.266 Cum			Per cubic meter	
11	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	
12	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 within all leads and lifts. 125 mm size.	10.00 No.			Each.	
13	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. including carriage of materials within all leads and lifts.	10.00 No.			Each	
14	Providing and fixing chromium plated brass handles with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	10.00 No.			Each	
15	Providing temporary platform by way of scaffolding for the repair of roofs/ roofs projection etc. upto all heights with bamboo complete tied with rope on joints and platform of old CGI sheets etc. in all respect including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge (Area of platform top shall be measured and paid for only).	108.00 Sqm			Per square meter	

17	Providing and fixing 1st quality ceramic glazed wall tiles 300x450mm 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.	3.46 Sqm			Per square meter
	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) Light shade pigment using white cement including carriage of materials within all leads and lifts.	42.14 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.111.
HP.PWD.Shimla-174003

SCHEDULE OF QUANTITY

39

Estimated cost:- 327336.00
Earnest Money:- 6550.00
Time :- One Month.

Name of work:- A/R and M/O Various residential buildings under division no III Shimla. (SH:-Repair /replacement of water storage tanks and cleaning thereof for various residential buildings under Bnmore section)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	cleaning of water storage tank by manually removing sluge from water tank and than cleaning it with fresh water cleaning complete and finally wiping it with dry cloth complete including carriage of materials within all leads and lifts as per direction of the Engineer-in-charge :- (i) 2000 liters capacity water storage tank.	113.00 No.			Each	
(ii)	1000 ltrs.	103.00 No.			Each	
(iii)	500 ltrs.	57.00 No.			Each	
2	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	10000.00 ltr			Per/Ltr	
3	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15mm dia nominal bore.External fittings.	48.00 Rmt			Per Running metre.	
4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :15 mm nominal bore	10.00 No.			Each	
5	Providing and fixing Plain G.I sheet 0.63mm thk cover for water tanks. complete including carriage of materials within all leads and lifts	5.00 No.			Each	
6	Providing and fixing G.I./M.I Union of including carriage of materials within all leads and lifts. 15mm dia.	10.00 No.			Each	

SCHEDULE OF QUANTITY

					Estimated cost:-	387672.00
					Earnest Money:-	7750.00
					Time :-	One Month.

Name of work:- S/R to various residential buildings under division no III Shimla (SH:-Repair of tile work, Marble work' window shutters , repair of cupboards and other miscellaneous repair work in block-33 ofset no 4,6,11,13 at U.S Club Shimla)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	0.30 Cum			Per cubic metre.	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead complete including carriage of materials within all leads and lifts. For all thickness.	48.89 Sqm			Per square metre	
3	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)	2.28 Cum			Per cubic metre.	
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :including carriage of materials within all leads and lifts. Of area 3 sq. metres and below	14.00 No			Each	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.65 Cum			Per cubic metre	
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, alcories, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	0.30 Cum			Per cubic metre	
7	Centering and shuttering including strutting, propping etc. and removal of form for Shelves (Cast in situ) complete including carriage of materials within all leads and lifts. For all thickness.	3.04 Sqm			Per square metre	
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Mild steel and Medium Tensile steel bars.	36.00 Kg			Per Kilogramme	

	half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level:- Cement mortar 1:4 (1 cement :4 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.88	Sqm			Per square metre	
10	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20mm 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 complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge:-Granite of any colour and shadeArea of slab over 0.50 sqm.	4.62	Sqm			Per square metre.	
11	Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in- charge.	5.10	Rmtr			Perrunning metre	
12	Providing and laying glazed wall 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 .	52.87	Sqm			Per square metre.	
13	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	8.67	Sqm			Per square metre.	
14	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.35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood.	4.92	Sqm			Per square metre.	
15	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	0.236	Cum			Per cubic metre.	

	Providing and fixing 12 mm thick 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)	13.20	Sqm.			Per Square metre
	1.5 mm thick pvc/rubber tiles flooring plain, coloured, corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of materials within all leads and lifts.	49.60	Sqm.			Per Square metre
18	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately including complete including carriage of material in all leads and lifts	60.58	Sqm.			Per Square metre
19	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	5.58	Sqm.			Per Square metre
20	Providing and fixing 19 mm thick commercial board shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	4.42	Sqm.			Per Square metre
21	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	4.42	Sqm.			Per Square metre
22	Providing and fixing 40x12 mm size wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. in 2nd class D/Dar wood complete including carriage of materials within all leads and lifts.	69.28	Rmtr			Per running metre
23	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	13.34	Sqm.			Per Square metre
24	Providing and fixing Aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : complete including carriage of materials within all leads and lifts. 250x16 mm	1.00	No			Each
25	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	40.00	No			Each
26	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm.	30.00	No			Each

	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe drawers, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	3.00	No		Each	
28	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	9.94	Sqm.		Per Square metre	
29	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.	8.75	Sqm.		Per Square metre	
30	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.	2.00	No		Each	
31	Providing and fixing central hole 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 550x400 mm with single 15 mm C.P. brass pillar tap	2.00	No		Each	
32	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 250mm.	1.00	No		Each	
33	Providing & fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts. including carriage of materials within all leads and lifts	4.00	No		Each	
34	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.	5.00	No		Each	
35	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 30/45cm length.	4.00	No		Each	

	Providing and fixing PVC floor trap ISI marked of self cleaning design including 5.00 sealing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts :-110 mm X 90mm.Providing and fixing PVC floor trap 110 X 90 mm dia size complete.	No		Each	
37	Providing and fixing high pressure PVC Finolex Type B spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia.	Rmtr		Per running metre	
37(i)	75 mm dia.	Rmtr	12.00	Per running metre	
38	Providing and fixing PVC finolex Type B plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia	No	4.00	Each	
38(i)	75mm dia	No	2.00	Each	
39	Providing and fixing PVC door bend with oval acces door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia.	No	2.00	Each	
39(i)	75mm dia	No	6.00	Each	
40	Providing and fixing PVC single equal plain tee ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:110mm dia	No	3.00	Each	
	75mm dia	No	2.00	Each	
41	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 15mm dia nominal bore. Internal work.	Rmtr	24.80	Per running metre	
42	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore. including carriage of materials within all leads and lifts.	No	3.00	Each	
43	Providing and fixing 15 mm dia CP Brass Angle Cock of approved quality and make including complete in all respect.	No	5.00	Each	
44	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) including carriage of materials within all leads and lifts.	Sqm.	71.68	Per Square metre	

45	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied of approved brand and manufacture. Including carriage of materials in all leads and lifts.	71.68	Sqm.	Per Square metre
46	Painting wood work with Deluxe Multi Surface Paint to give an even shade. Old work one or more coat sqm of approved brand and manufacture	102.34	Sqm.	Per Square metre
47	Distempering 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	95.19	Sqm.	Per Square metre
				Total

CONDITION

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

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

35

Name of work:- S/R to Various residential buildings under division no III Shimla. (SH:- Supporting structure to kitchen garden near Curzon House Building.)

Estimated Cost ₹ 302951.00
Earnest Money ₹ 6060.00

Time:- one Month

Items of work

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	2747.26		Per kilogramme	
2	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 2 including carriage of materials within all leads and lifts. 250x16mm	No.			Each	
3	Providing and fixing ISI marked, IS : 1341, M.S. heavy weight butt hinges with necessary screws etc. 6 complete :	No.			Each	
	Condition:-				Total	
	<i>Rates should be quoted for all heights including all leads and lifts for internal and external works.</i>					
	<i>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.</i>					

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

Estimated cost 86545.00

Earnest Money 1730.00

Time :- One Month.

Name of work:- A/R and M/O to various residential buildings under division No.III Shimla.(SH:- Dry cleaning of Carpet and Curtain , Cushion. In residential accommodations in Benmore Section Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2 Mechanically dry cleaning of woolen carpet by cleaning them mechanically ,shampooing and pile heating vacume and nosing the pile into original shape complete. including carriage of materials within all leads and lifts and as per direction of Engineer-in charge.	3 436.59 Sqmr	4	5	6 Per square metre	
2	Mechanically dry cleaning of three seater sofa set with cushion back and cushion seat complete including carriage of materials within all leads and lifts . and as per direction of Engineer-in charge.	No 36.00			Each	
3	Mechanically dry cleaning of curtain including carriage of materials within all leads and lifts and as per direction of Engineer-in charge.	No 802.00			Each	
4	Mechanically dry cleaning of single sofa set with arms ,back, seat and cushion complete. including carriage of materials within all leads and lifts and as per direction of Engineer-in charge.	No 34.00			Each	

CONDITION

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

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 201847.00
Earnest Money:- 4050.00
Time :- Two Month

Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Construction of Pedestal & water storage tanks to block No. 31) at Nabha Estate Shimla.

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge All kinds of soil including carriage of materials within all leads and lifts.	0.49 Cum			Per Cubic meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :-1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	0.49 Cum			Per Cubic meter	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	604.82 Kg.			Per Kilogramme	
4	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 mixing at junctions, butt measured and paid for separately) complete including carriage of material within all leads and lifts.	38.82 Sqm			Per square meter	
5	Painting steel 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.	31.30 Sqm			Per square meter	
6	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc External work 15 mm dia nominal bore including carriage of materials within all leads and lifts.	135.15 Rml.			Per running metre.	
7	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) 15 mm nominal bore including carriage of materials within all leads and lifts.	8.00 No			Each	
8	Providing and fixing 15 mm nominal bore G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts.	12.00 No.			Each	
9	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 including carriage of materials within all leads and lifts.	4000.00 Liter.			Per liter	
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

Estimated cost:- 237343.00
 Earnest Money:- 4750.00
 Time :- One Month

Name of work:-A/R & M/O Various residential blocks/sets at Nabha Estate Shimla. H.P (SH:-Internal painting & distemper in Vacation and due sets during 2022-23 to block No. M-II/90, J-II/65, N-II/98, Q-II/139, 25-III/62, E-II, F-II-III/68, G-II/77, 25-III/63, F-III/41, 1/16 Royal hotel, C-III/18, 37/8, 11,14 out houses, 28A/9, 32-II/122 etc) at Nabha Estate Shimla.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials in all leads and lifts.	1814.57 Sqm.			Per square meter	
2	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.	2239.03 Sqm.			Per square meter	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts.	447.80 Sqm.			Per square meter	
CONDITION:-					Total:-	

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

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

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

Executive Engineer
 Shimla Division NO.HH.
 HP PWD Shimla-174003

SCHEDULE OF QUANTITY

Name of work:- A/R and M/O to Various residential buildings under divisin no III Shimla. (SH:- Construction of retaining wall back side of block No. 32 at US Club Shimla.)

Estimated cost:- 247301.00

Earnest Money:- 6950.00

Time :- One Month.

Sub-Head/Item of work.

Sl. NO.	Qty.	Rate		Unit.	Amount.
		In Figures.	In Words		
1	3	4	5	6	
1	27.90 Cum			Per cubic metre	
2	4.88 Cum.			Per cubic metre.	
3	37.68 Cum.			Per cubic metre.	
4	36.42 Sqm.			Per square metre.	
5	0.68 Cum			Per cubic metre	
6	27.00 Rmtr			Per running metre	

2
Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.

Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts.- All kinds of soil.

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 all 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)

Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. complete.including carriage of materials within all leads and lifts.including carriage of materials all leads and lifts as per direction of Engineer- in - Charge.

Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.

Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7

Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.

19.67 Cum.

Per cubic metre.

CONDITION

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

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

Executive Engineer
Shimla Division NO.III.
H.P.W.D.Shimla-171003

SCHEDULE OF QUANTITY

Estimated cost: 151040.00
Earnest Money: 3020.00

Time :- One Month.

Name of work:- A/R & M/O Armsdale building at H.P Sectt. Shimla. (SH: - Providing and fixing Prefabricated guard cabin in NIC parking at H.P Sectt.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2 Providing and placing portable sentry post/ guard cabin (grooved) with door and window. The floor of the cabin should be made of MS tubular pipe covered with bison board 60mm thick with PVC sheet on top. The wall of the cabin should be made of sandwiched wall panel 75mm thick insulated panel made out of 050mm G.I. sheets on both side with insulation of thermocole of 75mm thick finished with rustic groov paint in wooden look ar as directed by the Engineer -in-charge. The roof of the cabin will also have same specification as that of wall. the door and window made up of aluminium powder coated frame as per PEPL design and the flush door kept with glass vision panel, each cabin must have minium 3No. 5AMP switches and one No. 15AMP switch with wiring complete. The cabin should be prefabricated, waterproof, fire and termite resistant of this size as per the requirement of site and Engineer-in-charge. The whole cabin should be supported on four wheel for easy movement. Before placing the cabin at site levelling the surface and anchoring to the ground steel and cement concrete is to be done by the contractor complete including carriage of materials within all leads and lifts:- (i) Cabin Size 6' X 4'.	3 1.00 No.	4 151040.00	5 Rupees One Lakh Fifty One Thousand Forty Only	6 Each	151040.00
					Total	151040.00

CONDITION

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

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

Executive Engineer
Shimla Division NO.III.
H.P.BWD.Shimla-171003