

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

19590

Dated:- 7-12-21

*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-2*

**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 to reach in his office on or before 27-12-2021 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 24-12-2021 and the application for issue of tender form shall be received up to 4.00 P.M. on 23-12-2021

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	Cost of form
1	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Internal painting & distemping in Vacation and due sets during 2021-22 to block No.20/1 TF, M-II/95, I-III/91, S-II/156, block Guradwara Sahib, 37/3GF, 17/TF etc. at Nabha Estate Shimla).	Rs.1,19,069/-	Rs.2400/-	One Month	6&8	350/-
2	A/R & M/O Non-residential building under Shimla Division NO.III (SH:- Providing and fixing Cupboard Shutter in Chamber of Hon'ble C.J., TV Stand in seventh floor painting and polishing in court No.1 of High Court etc.).	Rs.2,15,562/-	Rs.4350/-	One Month	6&8	350/-
3	Special repair to Ellerslie Main Building at H.P. Secretariat Chotta Shimla-2 (SH:- Polishing in power Minister office in Ellerslie main building).	Rs.1,22,267/-	Rs.2450/-	One Month	6&8	350/-
4	Special repair to High Court Building at Shimla.(SH:- Construction of PCC retaining wall back side of Canteen building toward Hotel Holiday Home RD's 0/016.45 to 0/018.95).	Rs.3,62,542/-	Rs.7300/-	One Month	6&8	350/-
5	Special repair to Kamla Nehru Hospital Shimla (SH:-Providing and fixing aluminium work in room NO.3 in the office of Medical Superintendent at KNH Shimla).	Rs.3,47,840/-	Rs.6960/-	One Month	6&8	350/-
6	Special repair to Armsdale building at H.P. Secretariat Shimla (SH:- Dismantling of RCC wall and Disposal etc.).	Rs.3,13,079/-	Rs.6270/-	One Month	6&8	350/-
7	A/R & M/O to various residential buildings under Division NO.III Shimla (SH:- Providing and fixing Fire Powder Extinguishers at U.S. Club Shimla).	Rs.4,40,000/-	Rs.8800/-	One Month	6&8	350/-
8	A/R & M/O of Library hall and Corridor of Gate NO.1 at Vidhan Sabha Shimla (SH:- Providing and laying woven Carpet etc.).	Rs.1,52,751/-	Rs.3100/-	One Month	6&8	350/-
9	A/R & M/O to residential building under Shimla Division No.III. (SH:- Providing and fixing M.S.jaffari, Welded mesh, Polycarbonate sheet roofing, painting and distemping etc. in Ellerslie Collage Shimla).	Rs.2,66,990/-	Rs.5340/-	One Month	6&8	350/-
10	S/R to Ellerslie Main Building at H.P. secretariat Chotta Shimla-2. (SH:- Providing and laying PVC flooring in Power Minister office in Ellerslie main building).	Rs.1,30,565/-	Rs.2620/-	One Month	6&8	350/-
11	Special repair to residential building under Vidhan Sabha Sub Division Shimla (SH:-Renovation of kitchen, toilet, Providing and laying Tiles work, flooring, painting and distemping work etc. in set No.21 at Balquali Shimla).	Rs.3,61,792/-	Rs.7250/-	One Month	6&8	350/-
12	Special repair to Residential building under Shimla Division No.III. (SH:- Providing and fixing Bamboo jafari, painting, Polishing, Tiles work and sanitary works etc. in Curzon house building at Chaura Maidan Shimla).	Rs.3,09,768/-	Rs.6200/-	One Month	6&8	350/-
13	Special repair to residential building under Shimla Division No.III, Shimla-3 (SH:- Providing and fixing pre-painted sheet roofing over Block No.1, type-I quarters First Floor of Ellerslie Colony Shimla).	Rs.3,35,267/-	Rs.6710/-	One Month	6&8	350/-
14	Special repair to Residential building under Shimla Division No.III. (SH:- Providing and fixing jafari, Checkered tiles etc. in out house of Curzon house building at Chaura Maidan Shimla).	Rs.3,50,782/-	Rs.7050/-	One Month	6&8	350/-
15	Special repair to Ellerslie Main Building at HP Secretariat Shimla-2.(SH:- Renovation of record branch in press block with cupboard, tiles work and sanitary fitting etc.).	Rs.4,33,228/-	Rs.8670/-	One Month	6&8	350/-
16	Special repair to Ellerslie Main Building at HP Sectt. Shimla-2 (SH:- Providing and fixing paneling, ceiling in Room NO. E-220).	Rs.4,66,628/-	Rs.9340/-	One Month	6&8	350/-
17	A/R & M/O Ellerslie Main Building at HP Secretariat Shimla-2. (SH:-Painting on wooden surface in all outer periphery (wooden area) of Ellerslie main building).	Rs.4,21,888/-	Rs.8440/-	One Month	6&8	350/-
18	Special repair to Armsdale Building at HP Secretariat Shimla (SH:- Providing and fixing sanitary fittings and polishing work etc.).	Rs.3,29,419/-	Rs.6590/-	One Month	6&8	350/-
19	A/R & M/O Ellerslie Main and Armsdale Building at HP Secretariat Shimla-2. (SH:- Providing and fixing sanitary fittings, welded mesh and other minor repair work etc.).	Rs.1,36,120/-	Rs.2730/-	One Month	6&8	350/-
20	A/R & M/O Ellerslie Main Building at HP Secretariat Shimla-2 (SH:- Cleaning of Glass panes and replacing Broken glass panes etc.).	Rs.1,10,998/-	Rs.2220/-	One Month	6&8	350/-
21	S/R to Ellerslie Main Building at HP Secretariat Shimla-2 (SH:-Renovation of record branch in press block with dismantling work, CC work, Steel work and disposal of materials etc.).	Rs.3,97,593/-	Rs.7960/-	One Month	6&8	350/-
22	A/R & M/O to Admin. Block (E-Block) at IGMCI Shimla (SH:- Providing aluminum work in door and window and repair of aluminum doors, windows,	Rs.2,01,577/-	Rs.4100/-	One Month	6&8	350/-

Partitions etc. in ground floor and First Floor in Covid Ward).					
23	A/R & M/O to various residential buildings under Division No.III Shimla (SH:- Providing and fixing composite pressure pipes and other fittings at Kriston hall out houses from 1 to 11 at Benmore Section).	Rs. 1,76,110/-	Rs. 3520/-	One Month	6&8 350/-
24	A/R & M/O to various residential building under Division NO.III Shimla.(SH:- Repair of flooring in Richmond Villa Type IV set No.1 at Richmond Shimla).	Rs. 2,19,475/-	Rs. 4390/-	One Month	6&8 350/-
25	Fabrication of prefabricated structure accommodation for GAD at Petterhoff Shimla (SH:- C/O Additional toilet, kitchen cabinet/ Rack etc.).	Rs. 2,63,088/-	Rs. 5300/-	One Month	6&8 350/-
26	S/R to various residential buildings under Division No.III Shimla. (SH:- Repair of kitchen, glazed verandah flooring, cupboards installation etc. in block 42 type IV at U.S. Club Shimla).	Rs. 3,32,323/-	Rs. 6640/-	One Month	6&8 350/-
27	Special repair to Udyog Bhawan premises of Advocate general office near High Court Shimla. (SH:- Repair of Plaster, painting and distempering in basement 1 & 2 of Udyog Bhawan near High Court Shimla).	Rs. 2,41,763/-	Rs. 4850/-	One Month	6&8 350/-
28	A/R & M/O to various residential buildings under Division No.III Shimla (SH:- Repair of cupboard and repair of ceiling etc. in block IV set No.67-68 (T-IV) at U.S.Club Shimla).	Rs. 1,23,640/-	Rs. 2470/-	One Month	6&8 350/-
29	Fabrication of Prefabricated structure accommodation of GAD at Petterhoff Shimla (SH:- C/O additional toilet, kitchen cabinet/rack etc.).	Rs. 2,63,088/-	Rs. 5300/-	One Month	6&8 350/-
30	Special repair to Set No.402 at New MLA Hostel at Vidhan Sabha Shimla.(SH:- Providing and laying tiles work, cupboard, painting, distempering and Sanitary fitting in Master Bed room, kitchen and General toilet etc.).	Rs. 2,92,813	Rs. 5900/-	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

[Signature]
Executive Engineer,
Shimla Division No-III,
H.P.PWD.Shimla-3.
Dated:- 7-12-21

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

19591-19608

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

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

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

SCHEDULE OF QUANTITY

Estimated cost:- 119069.00
Earnest Money:- 2400.00
Time :- One Month

Name of work:-AR & M/O Various residential buildings under Shimla Division No. III (SH:-Internal painting & distempering in Vacation and due sets during 2021-22 to block no. 20/1 TF, M-II/95, I-III/91, S-II/156, block Guradwara Sahib, 37/3GF, 17/TF etc) at Nabha Estate Shimla.

Sl. NO.	Description	Qty.	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.	1174.05 Sqm.			Per square meter	
2	Distempering with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including carriage of materials in all leads and lifts.	1053.70 Sqm.			Per square meter	
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts.	210.74 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 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 (Q.III)
HP.PWD.Shimla-171003

SCHEDULE OF QUANTITY

2

Estimated Cost Rs. :- 215562.00
Earnest Money Rs. :- 4350.00
Time:- One Month.
Hon'ble C.J., TV

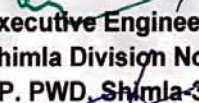
Name of work:- A/R & M/O Non residential building under Shimla Division No. III. (SH: - Providing and fixing Cupboard Shutter in Chamber of Hon'ble C.J., TV Stand in seventh floor Painting and Polishing in court No. 1of High Court etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	3.82 Sqm			Per square metre	
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete) including carriage of materials within all leads and lifts	26.06 Sqm.			Per square metre.	
3	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) including carriage of materials within all leads and lifts:- second class deodar wood.	0.30 Cum			Per cubic 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 including carriage of materials within all leads and lifts.	38.49 Sqm			Per square metre	
5	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.	174.83 Sqm			Per square metre	
6	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.	105.60 Sqm.			Per square metre.	
7	Polishing one or more coats with malamine 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 within all leads and lifts as directed by Engineer-in-charge.	216.81 Sqm.			Per square metre.	
8	Providing and fixing 2nd class hard wood lipping/ moulded beading or taj beading of size 18mm X 5mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	36.04 Rmt.			Per Running metre.	
9	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.	12.38 Sqm			Per square metre	

10	Providing and fixing 125mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	22.00 No.			Each	
11	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
12	Providing and fixing 150mm x10 mm bright finished brass tower bolts (barrel type) with necessary screws etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
13	Providing and fixing aluminium strip/ angle of size 30mm X 30mm x 1.5mm thick complete as per direction of Engineer-in-charge.	3.90 Rmt.			Per Running Metre.	
14	Providing and fixing cornor beading 20mm X 20mm section, with wood screws in ceiling and lining including mitring at junction including carriage of materials within all leads and lifts:-1st class deodar wood.	8.00 Rmt.			Per running metre.	
15	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion:- (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15) complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	43.68 Kg			Per Kilogramme	
16	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge:- Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	2.02 Sqm.			Per Square metre	
17	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5mm thickness (weight not less than 10.00kg/ sqm)	5.66 Sqm.			Per Square metre	

18	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	1.00 No.		Each	
19	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 125mm size.	2.00 No.		Each.	
20	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod complete including carriage of materials within all leads and lifts.	2.50 Rmt.		Per running metre	
21	Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured. corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	16.53 Sqm		Per square metre	
Conditions:-				Total	
Rates should be quoted for all heights including all leads and lifts for internal and external works.					

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


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

SCHEDULE OF QUANTITY**3**

Estimated Cost Rs. :- 122267.00
Earnest Money Rs. :- 2450.00
Time:- One Month.

Name of work: - Special repair to Ellerslie Main Building at H.P. Secretariat Chotta Shimla-2. (SH:- Polishing in Power Minister office in Ellerslie main building.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Polishing one or more coats with malamine polish of required shade on polish based wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts.	452.84 Sqm			Per square metre	
Total						
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.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 362542.00
 Earnest Money Rs. :- 7300.00
 Time:- One Month.


Name of work:- Special repair to High Court Building at Shimla. (SH: - Construction of PCC Retaining wall back side of Canteen building toward Hotel Holiday Home RD's 0/016.45 to 0/018.95)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth, 1.50m in width as well as 10sqm on plan) including getting out and disposal of excavated earth complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	40.90 Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m 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.	9.87 Cum.			Per cubic metre.	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	6.00 Cum			Per cubic metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size.)	54.87 Cum			Per Cubic metre	
5	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	27.38 Sqm.			Per Square metre	
6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8 in Granular materials including carriage of materials within all leads and lifts.	4.95 Cum			Per Cubic metre	

7	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 110mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	49.80 Rmt.			Per Running metre	
8	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	35.35 Cum			Per Cubic metre	
Conditions:-					Total	

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

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


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

SCHEDULE OF QUANTITY

(5)

Estimated Cost Rs. :- 347840.00
 Earnest Money Rs. :- 6960.00
 Time:- One Month

Name of work:- Special Repair to Kamla Nehru Hospital Shimla (SH: - Providing and fixing aluminum work, wood work in Room No. 3 in the office of Medical Superintendent at KNH Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron) complete including carriage of materials in all leads and lifts.	318.62 Kgs			Per Kilogramme.	
(ii)	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) complete including carriage of materials in all leads and lifts.	75.90 Kgs			Per Kilogramme.	
2	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete including carriage of materials in all leads and lifts.	34.12 Sqm			Per square metre.	
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) complete including carriage of materials in all leads and lifts.	20.65 Sqm			Per square metre.	
4	Providing and fixing 9mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	8.10 Sqm			Per square metre.	
5	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc complete including carriage of materials in all leads and lifts.	9.78 Sqm			Per square metre.	
6	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	22.57 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.	9.78 Sqm			Per square metre.	

8	Providing and fixing 50 mm special quality bright finished brass cupboard or ward robe locks with four levers of approved quality including necessary screws etc. complete including carriage of materials in all leads and lifts.	18.00 No.			Each	
9	Providing and 100 mm fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	24.00 No.			Each	
10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	60.00 No.			Each	
11	Providing and fixing square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete in hard wood including carriage of materials in all leads and lifts.	25.65 Rmt.			Per running metre.	
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	54.92 Sqm			Per square metre	
Conditions:-					Total	

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 313079.00

Earnest Money Rs. :- 6270.00

Time:- One Month.

Name of work: -Special Repair to Armsdale building at H.P. Secretariat Shimla. (SH:-Dismantling of RCC wall and Disposal etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50metres lead as per direction of Engineer - in- charge.	92.02 Cum			Per Cubic Metre	
2	Disposal of excavated earth by mechanical means upto 10kms on approved dumping site of M.C. Shimla or on arranged by the contractor i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transporation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour (if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	219.86 Cum			Per Cubic 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
H.P. PWD Shimla-3.

SCHEDULE OF QUANTITY

(7)

Estimated cost 440000.00

Earnest Money 8800.00

Time :- One Month.

Name of work:- A/R and M/O to Various residential buildings under division No. III Shimla. (SH:-Providing and Fixing Fire Powder Extinguishers 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 Fixing Fire powder extinguishers (Stood pressure type) 9.00 kg capacity (Nine Kilogramme) duly ISI conforming to ISI 2006 . 15683:2006 with ISI marked ABC powder complete with squeeze grip relese valve discharge pipe locking arrangement pressregauge operational brackets with two screws and sleeve including all leads and lifts as per the satisfaction of Engineer- in- Charge.	40.00 No			Each	
					TOTAL	

CONDITION

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


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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 152751.00

Earnest Money Rs. :- 3100.00

Time:- One Month.

Name of work:- Furnishing of Library hall and Corridor of Gate No. 1 at Vidhan Sabha Shimla. (SH:- Providing and laying woven Carpet etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing at site 2-ply yarn hand Acrylic Doniar make heavy quality carpet of pile height 10mm, pile weight 2000-2200 gram per square metre fixed with adhesive as per approved sample and green shade/approved design complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	16.71 Sqm			Per square metre	
2	Providing and fixing at site Vallor Red Carpet in flooring fixed with adhesive as per approved sample and shade/approved design complete in all respect and as per the direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	132.80 Sqm			Per square metre	
3	Providing and fixing green artificial grass foot matt of good/ approved quality and shade and 4' X 2' X 2"size complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts.	4.00 No.			Each	
Conditions:-					Total	

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 266990.00
Earnest Money Rs. :- 5340.00
Time:- One Month.

Name of work:-A/R & M/O Residential building under Shilmla Division No. III. (SH: - Providing and fixing M.S. Jaffari, Welded mesh, Polycarbonate Sheet roofing, Painting and distemper etc. in Ellerslie cottage Chotta Shilmla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials in all leads and lifts.	471.89 Kg			Per Kilogramme	
2	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 within all leads and lifts as directed by Engineer-in-charge:- Hot finished welded type tubes.	280.91 Kg			Per Kilogramme	
3	Providing and fixing M.S. welded mesh 25mm x 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	27.05 Sqm			Per square metre	
4	Providing and fixing polycarbonate transparent sheet 2.00mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge including carriage of material within all leads and lifts.	28.51 Sqm			Per Square metre	
5	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	14.96 Sqm			Per square metre.	
6	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	5.17 Sqm			Per square metre.	
7	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 in all leads and lifts.	5.55 Sqm			Per square metre.	
8	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.	7.57 Sqm			Per square metre.	
9	Providing and fixing plain square edged cover filets (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	25.95 Rmt.			Per running metre.	
0	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	8.00 No.			Each	
	Providing and fixing magnatic catcher including carriage of materials within all leads and lifts.	8.00 No.			Each	

12	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	40.64 Sqm			Per square metre.	
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new wood work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	40.64 Sqm			Per square metre.	
14	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts: One or more coats on old work.	180.77 Sqm			Per square metre.	
15	Melamine polishing on wood work (one or more coat) complete including carriage of materials within all leads and lifts.	8.22 Sqm			Per square metre	
16	Polishing one or more coat with french spirit polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials within all leads and lifts.	70.56 Sqm			Per square metre.	
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work on wood complete including carriage of materials within all leads and lifts.	378.08 Sqm			Per square metre	
18	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts.	125.57 Sqm			Per square metre.	
19	Providing and fixing Ess Ess make Curtain rod 25mm dia and 1.66mm thick (confirming to bureu of Indial standred) in single length with out any joint complete complete with finnal for curtains for sides of rod and brackets etc. including carriage of material within all leads and lifts.	6.76 Rmt.			Per Running metre.	
20	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete including carriage of materials in all leads and lifts with 4.0mm thick glass panes.	19.43 Sqm			Per square metre	
21	Providing and fixing 50mm X 12mm section plain square edged cover fillets (beading) with wood screws in ceiling and lining including mitring at junctions in hard wood including carriage of materials within all leads and lifts.	204.10 Sqm			Per running metre	
Conditions:-						Total

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

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

SCHEDULE OF QUANTITY

10

Estimated Cost Rs. :- 130565.00
Earnest Money Rs. :- 2620.00
Time:- One Month.

Name of work: - Special repair to Ellerslie Main Building at H.P. Secretariat Chotta Shimla-2. (SH:- Providing and laying PVC flooring in Power Minister office in Ellerslie main building.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 1.50mm thick PVC / rubber tiles flooring of LG make or equivalent plain, coloured, carbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment including carriage of material within all leads and lifts.	67.79 Sqm			Per square metre	
2	Providing and fixing 9mm thick commercial ply lining with necessary screws complete including carriage of materials within all leads and lifts as per direction of the Engineer-in-Charge.	67.79 Sqm			Per square metre	
3	Providing and fixing hard wood cormor of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts.	62.80 Rmt.			Per running metre.	
Conditions:-					Total	

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

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

SCHEDULE OF QUANTITY

(11)

Estimated Cost Rs. :- 361792.00

Earnest Money Rs. :- 7250.00

Time:- One Month.

Name of Work:- Special repair to residential building under Vidhan Sabha Sub Division Shimla. {SH: - Renovation of Kitchen, Toilet, Providing and laying Tiles work, Flooring, Flooring, Painting and Distempering work etc. in set No. 21 at Balquali Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows Including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	5.46 Sqm			Per square metre.	
2	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	3.96 Sqm			Per square metre.	
3	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts.	3.94 Sqm.			Per square metre.	
4	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts.	5.38 Sqm.			Per square metre.	
5	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:- 1.00mm thick complete including carriage of materials within all leads and lifts.	4.37 Sqm.			Per square metre.	
6	Providing and fixing 2nd class hard wood lipping/ moulded beading or taj beading of size 18mm X5mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board as per direction of Engineer-in-charge.	90.00 Rmt.			Per Running Metre.	
7	Providing and fixing hard wood plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	90.00 Rmt.			Per running metre.	
8	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inclding carriage of materials within all leads and lifts.	3.94 Sqm.			Per Square metre	
9	Providing and fixing 125mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	6.00 No.			Each	

10	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	5.00 No			Each	
11	Providing and fixing 65mm x 35mm special quality chromium plated brass cupboard lock with six levers including necessary screws etc. complete (Indian make) including carriage of materials within all leads and lifts.	3.00 No			Each	
12	Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS 6315) for aluminium door including cost of cutting floor as required embedding in floors and cover plates etc. complete as per the direction of Engineer-In-Charge including making good the floors and refixing the aluminium door shutter with screws or nails complete including carriage of materials within all leads and lifts.	1.00 No.			Each	
13	Providing and fixing MSCP curtain rod 20mm dia with brackets, end finials and screws etc. complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	14.90 Rmt.			Per running metre	
14	Providing and fixing 150mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete including carriage of materials within all leads and lifts.	1.00 No.			Each	
15	Providing and fixing M.S single action door spring 150mm complete including carriage of materials within all leads and lifts.	1.00 No.			Each	
16	Providing and laying vitrified floor tiles of 600mm X 600mm sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.30 kg/ sqm including grouting the joints with white cement and matching pigments etc. complete including carriage of materials within all leads and lifts.	64.57 Sqm			Per Square metre	
17	Providing and laying vitrified tiles of 600mm X 600mm sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials within all leads and lifts.	64.85 Sqm.			Per Square metre	
18	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	2.48 Sqm.			Per Square metre	

19	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.	2.68 Rmt.			Per running metre	
20	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	84.28 Sqm			Per square metre.	
21	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	84.28 Sqm			Per square metre.	
22	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials within all leads and lifts.	18.28 Sqm			Per square metre	
23	Dubbing out an old irregular walls average 15mm thick with cement mortar 1:6 (1 Cement : 6 sand) including carriage of materials in all leads and lifts.	34.92 Sqm.			Per square metre.	
24	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	72.77 Sqm			Per square metre	
25	15mm cement plaster in rough side of single or half brick / concrete block wall upto all floor level and height finished with a floating coat of neat cement of mix:1:4 (1 cement: 4 coarse sand) complete including carriage of materials within all leads and lifts.	27.85 Sqm			Per square metre	
26	15mm cement plaster in fair side of single or half brick / concrete block wall upto all floor level and height finished with a floating coat of neat cement of mix:1:4 (1 cement: 4 coarse sand) complete including carriage of materials within all leads	27.85 Sqm			Per square metre	
27	Finishing walls with Acrylic Smooth exterior paint of required shade complete including carriage of materials within all leads and lifts:- Old work (One or more coat applied @ 0.90ltr/10 sqm).	106.80 Sqm			Per square metre	
28	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.	100.62 Sqm			Per square metre	
29	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floor complete including carriage of materials within all leads and lifts.	32.80 Rmt			Per running metre	
30	Providing and fixing vitreous China wash down water closet (European type W.C. pan) SLICK star white Hindware catalogue No. 20011 complete set with intergal P or S trap including jointing the trap with soil pipe in cement mortar 1 : 1 (1 cement : 1 sand) (seat and cover to be measured and paid for separately) including carriage of materials within all leads and lifts.	1.00 No.			Each	

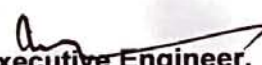
31	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :-Solid Type :- White solid plastic seat with lid.	1.00 No.			Each	
32	Providing and fixing 10.00 liter capacity PVC low level flushing cistern Hind ware sleek ultra of size 42cm X 39cm X 14cm or equivalent with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and overflow pipe, 40mm dia C. P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all leads and lifts.	1.00 No.			Each	
33	Providing and fixing 670mm x 570mm flat back vitreous China wash basin with single hole for pillar tap with C.I. or M.S.brackets painted white including cutting holes and making good the same but excluding fittings including carriage of materials within all leads and lifts:- Hindware Cat No. 10082.	1.00 No.			Each	
34	Providing and fixing 32mm dia C.P. waste coupling for wash basin or sink including carriage of materials within all leads and lifts.	1.00 No.			Each	
35	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.	2.00 No.			Each	
36	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts.	1.00 No.			Each	
37	Providing and fixing 600mm X 20mm size C. P. Towel rail complete with C.P. brackets fixed to wooden plugs with C. P. screws including carriage of materials within all leads and lifts:-ESS ESS catalogue No. AC-101.	1.00 No.			Each	
38	Providing and fixing towel ring of ESS ESS catalogue No. AC-102 or equivalent complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
39	Providing and fixing C.P. Soap dish complete fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts:- ESS ESS AC-103.	2.00 No.			Each	
40	Providing and fixing 15mm nominal bore C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:- ESS-ESS Trend Cat No. C-209.	1.00 No.			Each	
41	Providing and fixing C.P. brass bib cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:-ESS ESS catalogue No. C-202B.	1.00 No.			Each	
42	Providing and fixing 15mm (fifteen millimetre) nominal bore C.P. angle cock of ESS ESS catalogue No. C-204 or its equivalent of approved quality and colour with flange including carriage of materials within all leads and lifts.	8.00 No			Each	

43	Providing and fixing wall mixture with swivel spout including connection fitting complete in all respect of make Ess-Ess Cat No. C-219 complete including carriage of materials within all leads and lifts.	2.00 No			Each	
44	Providing and fixing central hole wash basin mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:- ESS ESS catalogue No. C-211.	1.00 No			Each	
45	Providing and fixing 45cm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	7.00 No			Each	
46	Providing and fixing C.P. wall flange/ Cap 15mm nominal bore with fittings including carriage of materials within all leads and lifts.	13.00 No.			Each	
47	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts. (New work):- 15mm nominal bore.	3.00 No.			Each	
48	Providing and fixing PVC (Finolex) floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:- (i) 110mm X 75mm size.	3.00 No			Each	
48	Providing and fixing pipes on wall face PVC (Finolex) type "A" pipes including filling the joints with approved adhesive and including require No. of collar and clamps etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	12.35 Rmt			Per running metre	
	(ii) 75mm nominal size.	10.90 Rmt			Per running metre	
49	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.	1.00 No			Each	
50	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.	5.00 No.			Each	
	(ii) 75mm nominal size.	10.00 No.			Each	
51	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.	3.00 No.			Each	
	(ii) 75mm nominal size.	5.00 No.			Each	
52	Providing and fixing PVC offset 45degree ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm dia.	1.00 No.			Each	
	(ii) 75mm dia.	3.00 No.			Each	
53	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete including carriage of materials within all leads and lifts:- (i) 110mm size.	12.00 No			Each	

54	Providing and fixing 610mm x510 mm bowl depth 200mm size Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40mm, including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink with drain board complete including carriage of materials within all leads and lifts.	1.00 No			Each	
55	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 5.00mm thick glass panes complete including carriage of materials within all leads and lifts.	2.16 Sqm.			Per square metre.	
56	Constructing masonry Chamber 30cm x 30cm x 50cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 including carriage of materials within all leads and lifts.	1.00 No			Each	
Conditions:-					Total	

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

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


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

SCHEDULE OF QUANTITY

121

Estimated Cost Rs. :- 309768.00

Earnest Money Rs. :- 6200.00

Time:- One Month.

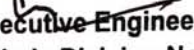
Name of work:- Special repair to Residential building under Shimla Division No. III. (SH: - Providing and fixing Bamboo Jafari, Painting, Polishing, Tiles work and sanitary woks etc. in Curzon house building at Chaura Maidan Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50m and lift up to 1.50m. All kinds of soil including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	359.81 Sqm			Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.46 Cum			Per cubic metre.	
3	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.	1.37 Cum			Per cubic metre.	
4	Providing and fixing Bamboo jaffery/ fencing consisting of superior quality 25mm dia (Average) half cut bamboo placed vertically and fixed together with three numbers horizontal running members of Rai wood in scantling of section 50mm X 25mm, fixed with nails and G.I wire on existing support complete as per direction of Engineer-incharge	19.27 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 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts.	1.37 Cum.			Per cubic metre.	
6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	0.34 Cum			Per Cubic metre	
7	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	4.66 Sqm			Per square metre.	
8	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply including carriage of materials within all leads and lifts.	5.46 Sqm.			Per Square metre	
9	Renewing glass panes, with wooden fillets wherever necessary Float glass panes of nominal thickness 4mm (weight not less than 10kg/sqm) including carriage of materials within all leads and lifts.	9.37 Sqm.			Per Square metre	

10	Providing and fixing MSCP curtain rod 20mm dia complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	12.70 Rmt.			Per running metre
11	Providing and fixing MSCP Curtain finel etc.fitting complete including carriage of material within all leads and lifts and as per the direction of the Engineer-in-Charge.	19.00 No.			Each
12	Providing and fixing MSCP Curtain brackets etc.fitting complete including carriage of material within all leads and lifts and as per the direction of the Engineer-in-Charge.	16.00 No.			Each
13	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	1292.45 Sqm			Per square metre
14	Polishing one or more coats with malamine polish of required shade on polish based wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts.	357.18 Sqm			Per square metre.
15	Chequerred 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) complete including carriage of materials within all leads and lifts:- Light shade pigment using white cement	5.04 Sqm			Per square metre
16	Providing and laying Ceramic glazed floor tiles of size 300mm x 300mm (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 20mm 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.	9.02 Sqm			Per Square metre
17	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts:- 200mm Size.	32.00 No.			Each
17.01	150mm size.	50.00 No.			Each
18	Providing and fixing chromium plated soap dish Cera make with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws etc. complete including carriage of materials within all leads and lifts:- CERA Cat No. F5001106.	10.00 No.			Each
19	Providing and fixing Cornor glass shelf 300mm X 300mm X 10mm size of complete fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts:- Cera Cat No. F5005103.	8.00 No			Each
20	Providing and fixing 600mm x 120mm x 5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc., complete including carriage of materials within all leads and lifts.	4.00 No			Each
21	Providing and fixing 700mm x 500mm mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts. Cera Cat No. B3510106.	4.00 No.			Each
22	Providing and fixing electrical Kitchen Chimney Glen make of approvrd size complete including carriage of materials within all leads and lifts.	1.00 No.			Each
23	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete including carriage of materials within all leads and lifts:- 200mm x10mm.	30.00 No.			Each
23.01	250mm x10mm.	12.00 No.			Each
24	Providing and fixing Tooth brush tumbler with necessary fitting complete including carriage of materials within all leads and lifts Cera Cat No. F5006107	4.00 No.			Each

25	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge	9.00 No.			Each	
26	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area beyond 3 sq. metres complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	14.00 No.			Each	
27	Providing and fixing dressing table made of 19mm commercial board duly finished with sunmica and 4mm thick looking mirror complete with approved size, shade and design complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
Conditions:-					Total	
i Rates should be quoted for all heights including all leads and lifts for internal and external works.						

ii 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

137

Estimated Cost Rs. :- 335267.00
 Earnest Money Rs. :- 6710.00
 Time:- One Month.

Name of work :- Special Repair to residential building under Shimla Division No. III, Shimla -3. (SH:- Providing and fixing pre-painted Sheet roofing over Block No. 1, Type- I quarters First Floor of Ellerslie Colony Chotta Shimla.)

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	126.75 Sqm.			Per square metre.	
2	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete including carriage of materials within all leads and lifts:- second class deodar wood.	0.380 Cum			Per cubic metre	
3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	621.60 Kgs			Per Kilogramme	
4	Providing and fixing pre-coated galvanised iron profile sheets (Size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm (+ 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 15-18microns. Sheet should have protective guard film of 25 microns 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.	126.75 Sqm			Per square metre	
5	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete:-(!) Ridges plain (500mm - 600mm).	16.90 Rmt.			Per running metre	
5.01	Flashings/ Aprons (Upto 600mm).	16.90 Rmt.			Per running metre	
5.02	Gutter (600 mm over all girth)	33.80 Rmt			Per running metre	
6	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	23.40 Sqm			Per square metre.	

7	Providing and fixing M.S. BP Sheet 2mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separately) including carriage of materials within all leads and lifts.	9.76 Sqm			Per square metre	
8	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion including carriage of material within all leads and lifts as per direction of Engineer-in-charge:- Single socketed pipes 110mm diameter.	12.00 Rmt			Per running metre	
9	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 complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge:-Bend 87.5° 110mm bend.	8.00 No.			Each	
9.01	Shoe (Plain) 110 mm size.	4.00 No.			Each	
10	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 complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	23.16 Sqm			Per square metre.	
					Total	

Conditions:-

- Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.
- Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.
- Recovery of Usefull/ unusefull CGI Sheet i.e. 126.75 Sqm recovered from site will be charged / dudedcted from contractor @ Rs.130.00 per square metre only.

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

SCHEDULE OF QUANTITY

147

Estimated Cost Rs. :- 350782.00
 Earnest Money Rs. :- 7050.00
 Time:- One Month.

Name of work:- Special repair to Residential building under Shimla Division No. III. (SH: - Providing and fixing Jafari, Checkered tiles etc. in out house of Curzon house building at Chaura Maidan 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 in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts:- All kinds of soil.	26.01 Cum.			Per cubic metre.	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge - All work up to plinth level:- 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	14.36 Cum			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20mm nominal size) including carriage of materials within all leads and lifts.	2.69 Cum.			Per cubic metre.	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	1077.00 Kgs			Per Kilogramme	
5	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm (+ 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.	25.20 Sqm			Per square metre	
6	Chequerred 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 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand)complete including carriage of materials within all leads and lifts:- Light shade pigment using white cement.	61.10 Sqm			Per square metre	

7	Constructing masonry Chamber 60cm x 60cm x 75cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design With common burnt clay F.P.S. (non modular) bricks of class designation 7.50 complete with including carriage of materials within all leads and lifts.	4.00 No			Each	
8	Constructing masonry Chamber 90cm x 90cm x 100cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design With common burnt clay F.P.S. (non modular) bricks of class designation 7.50 complete with including carriage of materials within all leads and lifts.	1.00 No			Each	
9	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:- 150mm dia.	20.00 Rmt			Per Running metre.	
9.01	110mm dia.	25.00 Rmt			Per Running metre	
9.02	75mm dia.	25.00 Rmt			Per Running metre	
10	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.	5.00 No.			Each	
10.01	75mm nominal size.	5.00 No.			Each	
11	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.	4.00 No.			Each	
11.01	75mm nominal size.	4.00 No.			Each	

12

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 3.5cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.

7.80 Cum


Per Cubic
metre

Total

Conditions:-

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

15

Estimated Cost Rs. :- 433228.00
 Earnest Money Rs. :- 8670.00
 Time:- One Month.

Name of work: - Special Repair to Ellerslie Main Building at HP Secretariat Shimla-2. (SH:- Renovation of record branch in press block with Cup board, Tiles work and sanitary fitting etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	3.68 Sqm			Per square metre.	
2	Providing and fixing 19mm thick commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts.	76.38 Sqm			Per square metre.	
3	Providing and fixing 9mm thick ply wood lining / flooring with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials in all leads and lifts.	4.42 Sqm			Per square metre.	
4	Providing and fixing 4mm thick teak ply lining with necessary screws complete as per direction of the Engineer-in-Charge	96.36 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.	154.47 Rmt.			Per running metre.	
6	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	48.00 No.			Per square metre.	
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts:- Triple strip vertical type.	32.00 No.			Per square metre.	
8	Chequerred 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) complete including carriage of materials in all leads and lifts.	62.96 Sqm			Sqm	
9	Providing and laying rectified Glazed Ceramic floor tiles of size 300mm x 300mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts.	3.90 Sqm			Sqm	
10	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials within all leads and lifts:- 600mm X 600mm Size.	21.10 Sqm.			Per square metre	

11	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.	71.30 Sqm			Per square metre	
12	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	71.30 Sqm			Per square metre.	
13	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	71.30 Sqm			Per square metre	
14	French spirit polishing Two or more coats on new works including a coat of wood filler complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	101.18 Sqm			Per square metre.	
15	Providing and fixing wash basin with C.I. brackets, 15mm 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 550mm x 400mm with a 15mm CP Brass single hole basin mixer complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
16	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete including carriage of materials within all leads and lifts :White solid plastic seat with lid.	2.00 No.			Each	
17	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials within all leads and lifts.	3.00 No.			Each	
18	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
19	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc. complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
20	Providing and fixing C.P. brass toilet paper holder complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts.	2.00 No.			Each	
21	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts (New work):- (i) 15mm nominal bore.	2.00 No.			Each	
22	Providing and fixing 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.	3.00 No.			Each	
23	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete including carriage of materials within all leads and lifts:- (i) 15mm nominal bore.	12.00 No.			Each	

24	Constructing brick masonry circular type manhole 0.91m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter con-forming to I.S.12592, total weight of cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately)- With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00 No.			Each	
25	Providing and fixing PVC finolex floor trap 110mm dia complete including carriage of materials in all lead and lifts.	3.00 No.			Each	
26	Providing and fixing flange florante including carriage of materials within all leads and lifts.	17.00 No			Each	
27	Providing and fixing Ess Esss make towel rod 750mm X 20mm size complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts.	2.00 No.			Each	
28	Providing and fixing soap dish of ESS ESS make including carriage of materials within all leads and lifts.	4.00 No.			Each	
29	Providing and fixing 200ml soap dispenser with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	3.00 No.			Each	
30	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete including carriage of materials within all leads and lifts:- 15 mm nominal bore.	1.00 No.			Each	
31	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	17.00 No.			Each	
32	Providing and fixing drawer lock of godrej including fitting complete including carriage of materials in all leads and lifts.	30.00 No.			Each	
	Conditions:-					
	Total					

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

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

SCHEDULE OF QUANTITY

16

Estimated Cost Rs. :- 466628.00
Earnest Money Rs. :- 9340.00
Time:- One Month.

Name of work: - Special Repair to Ellerslie Main Building at HP Sectt. Shimla-2.(SH:- Providing and fixing peneling, Ceiling in Room No E-220)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	In words		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including fixing complete with carriage of material within all leads and lifts as per the direction of the Engineer-in-Charge:-Sal wood.	0.401 Cum			Per cubic metre.	
2	Providing and fixing 9mm thick Comercial ply wood lining with necessary screws complete including carriage of materials within all leads and lifts as per direction of the Engineer-in-Charge.	111.33 Sqm			Per Square metre.	
3	Providing and fixing 12mm thick imported pine wood ceiling with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	111.33 Sqm			Per Square metre.	
4	Providing and fixing 6mm thick Comercial ply wood lining with necessary screws complete including carriage of material within all leads and lifts.as per direction of the Engineer-in-Charge.	9.32 Sqm			Per Square metre.	
5	Providing and fixing 19mm thick Comercial board in box /Shelf complete with necessary screws and bright finished stainless steel piano hinges complete as per direction of the Engineer-in-Charge.	40.68 Sqm			Per Square metre.	
6	Providing and fixing 4mm thick teak ply lining with necessary screws complete as per direction of the Engineer-in-Charge	69.25 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

(17)

Estimated Cost Rs. :- 421888.00
 Earnest Money Rs. :- 8440.00
 Time:- One Month.

Name of work:- A/R & M/O Ellerslie Main Building at HP Secretariat Shimla-2. (SH:- Painting on wooden surface in all outer periphery (wooden area) of Ellerslie main building.)

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 on wood complete including carriage of materials within all leads and lifts.	6933.24 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

18

Estimated Cost Rs. :- 329419.00
 Earnest Money Rs. :- 6590.00
 Time:- One Month.

Name of work:-Special repair to Armsdale Building at HP Secretariat Shimla-2. (SH: - Providing and fixing sanitary fittings and polishing work etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity - White	10.00 No.			Each	
2	Providing and fixing 110mm dia pipes on wall face PVC Finolex type "B" rain water pipes of working pressure not less than 4.50kg/sqm including clamps and collers etc. and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts.	85.80 Rmt.			Per running metre	
3	Providing and fixing 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:- Viking 500ml	24.00 No.			Each	
4	Providing and fixing bright finished hydraulic door closer of Godreg or equivalent (confirming to bureau of Indian Standards) with screws etc. complete including carriage of materials within all leads and lifts.	25.00 No.			Each	
5	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts:- Ess Ess make Cat No. C-204.	20.00 No.			Each	
6	Providing and fixing Hand drayer of standared complete with fixed to wooden plugs with C.P. brass screws fitting complete including carriage of materials within all leads and lifts.	2.00 No			Each	
7	Polishing two or more coats with malamine polish of required shade on polish based wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts.	429.47 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. :- 136120.00
 Earnest Money Rs. :- 2730.00
 Time:- One Month.

Name of work: - A/R & M/O Ellerslie Main and Armsdale Building at HP Secretariat Shimla-2. (SH: - Providing and fixing sanitary fittings, welded mesh and other minor repair work etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing bright finished hydraulic door closer of Godrej make or equivalent with screws etc. complete including carriage of materials in all leads and lifts.	8.00 No.			Each	
2	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	20.00 No.			Each	
3	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) Second class deodar wood 35mm thick shutters.	16.27 Sqm			Per square metre.	
4	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10mm gap for thermal expansion complete including carriage of materials in all leads and lifts. (i) Single socketed pipes. 110mm diameter.	74.15 Rmt			Per running metre.	
5	Providing and fixing 110mm nominal size PVC Finolex plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	10.00 No.			Each	
6	Providing and fixing M.S. welded mesh 25mm x 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	47.05 Sqm.			Per square metre.	
7	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.	43.28 Sqm			Per square metre.	
8	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90ltr/10sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture complete including carriage of materials in all leads and lifts.	43.28 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. :- 110998.00
Earnest Money Rs. :- 2220.00
Time:- One Month.

Name of work: - A/R & M/O Ellerslie Main Building at HP Secretariat Shimla-2. (SH: -Cleaning of Glass panes and replacing broken glass panes etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Cleaning of Glass of window glass both sides up to 20.00mtr height including scaffolding/ machinery with colin, cleaning cloth and other material i.e. coline, sprit, and paint remoning chemical etc. including carriage of materials in all leads and lifts.	3606.34 Sqm			Per square metre	
2	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever required including carriage of materials in all leads and lifts:- plain glass 4mm thick.	32.06 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

(21)

Estimated Cost Rs. :- 397593.00
Earnest Money Rs. :- 7960.00
Time:- One Month.

Name of work : - Special Repair to Ellerslie Main Building at HP Secretariat Shimla-2. (SH:- Renovation of record branch in press block with dismantling work, CC work, Steel work and disposal of materials etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolishing mud phaska/ Dhajji wall in terracing and disposal of material complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	12.47 Cum			Per cubic metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhat, architrave, holdfasts etc. complete and stacking including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge:- of area 3 sq. metres and below.	8.00 No.			Each	
3	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	58.41 Sgm			Per square metre	
4	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.50m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soils as directed complete including carriage of materials within all leads and lifts.	43.11 Cum			Per cubic metre.	
5	Providing and laying cement concrete 1:2:4 (1 cement: 2 Sand: 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of form work in foundation and plinth including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	1.62 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 :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.	10.07 Cum			Per cubic metre.	
7	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering etc. complete as per H.P.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	15.12 Cum			Per cubic metre	
8	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.	11.90 Sgm			Per square metre	

9	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 20mm nominal size) complete including carriage of materials within all leads and lifts.	2.18 Cum	Per cubic metre.	
10	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.	392.00 Kg	Per kilogramme	
11	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.	2040.47 Kgs	Per Kilogramme	
12	Disposal of excavated earth by mechanical means upto 10kms on approved dumping site of M.C. Shimla or on arranged by the contractor i.e. through all mode of transportation including head load animal load or mechanical means alongwith changes of dumping to the owner of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour (if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respect as per direction of Engineer-in-Charge.	55.58 Cum	Per Cubic 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

Name of work: - A/R & M/O to Admin. Block (E-Block) at IGM. Shimla(SH):- Providing Aluminium Work in Door and Window and repair of Aluminium doors, Windows, Partitions etc. In Ground Floor and First Floor in Covid Ward)

Estimated Cost: -Rs.201577/- only
Earnest Money : Rs. 4100/-Only
Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
			In figure	In words	
1	2	3		6	7
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer incharge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including carriage of materials within all leads and lifts.	86.86	Kg.	Per Kilogram me	
1.10	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) including carriage of materials within all leads and lifts.	80.66	Kg.	Per Kilogram me	
2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitted and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer incharge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including carriage of materials within all leads and lifts. (Labour Rate)	751.28	Kg.	Per Kilogram me	

3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer -in-charge. (Cost of aluminium snap beading shall be paid in basic item). With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) including carriage of materials within all leads and lifts.	17.88	Sqm			Per square metre	
4	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	11.00	No			Each	
6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 125mm	39.00	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) 200x10mm	21.00	No			Each	
8	:(ii) 100x10mm	11.00	No			Each	
9	Providing and fixing ISI marked aluminium butt hinges 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) 125x75x4mm	19.00	No			Each	
10	:(ii) 100x63x4mm	38.00	No			Each	
11	Providing and fixing 4.00mm thick ACP sheet of approved shade interior grade for partition/ window shutter both side laminated with PVC gasket etc. complete including carriage of materials within all leads and lifts.	13.64	Sqm			Per square metre	
12	Providing and Fixing EPDM Gasket Aluminium spacers , Gaps as per direction of Engineer - in- Charge.	65.26	Kg.			Per Kilogram	
13	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. (i) With stainless steel cover plate minimum 1.25 mm thickness	2.00	No			Each	

14	Providing and fixing wire gauge using galvanized in Aluminium Frame M.S. wire gauge of I.S. gauge designation 85G with wire of dia. 0.56mm for , door windows shutters including .including carriage of materials with in all leads and lifts.	18.87	Sqm						Per square metre	
									Total	0.00

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

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

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


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

SCHEDULE OF QUANTITY

231

Estimated cost:- 176110.00
Earnest Money:- 3520.00

Time :- One Month.

Name of work:- A/R and M/O to various residential buildings under division No.III Shimla. (SH:Providing and Fixing composite pressure pipes and other fittings at Kriston hall out houses from 1 to 11 at Benmore Section.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of material with in all lead and lifts for internal work.	356.00	R/mtr		Per running metre.	
2	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) 15mm nominal bore.	27.00	N0		Each	
3	Providing and fixing brass full way valve with wheel including carriage of materials within all leads and lifts :-15mm dia.	20.00	No.		Each	
5	Providing and fixing Polyethylene-Aluminium Polyethylene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in- charge. 1620 (20 mm OD) pipe.	114.00	Rmtr		Per running metre.	
(i)	Painting and Fixing PE-AL-PE composite internal seal compression fittings:- (i) Equal Tee 1620	2.00	No.		Each	
(ii)	Male thread connector 1620x15	2.00	No.		Each	
(iii)	Female thread connector 1620x16	2.00	No.		Each	

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. make Sintex. including carriage of material with in all lead and lifts

2500.00

Ltr

Per Litre

TOTAL

CONDITION

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

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

[Signature]

SCHEDULE OF QUANTITY

24

Estimated cost: 219475.00

Earnest Money: 4390.00

Time :- One Month.

Name of work:- A/R and M/o to Various Residential buildings under division no. III Shimla. (SH:- Repair of flooring in Richmond Villa Type IV set No.1 at Richmond Shimla.)

SI. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Providing and fixing 12mm thick shuttering ply/ water proof ply of standard quality ISI mark and approved shade and colour in panelling ,wall lining & flooring etc. i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	125.63 Sqm.			Each	
2	1.5 mm thick pvc/rubber tiles flooring (L.G. Make) plain, coloured. corbed or mosaic or mattled 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.	125.63 Sqm.			Each	
					TOTAL	

CONDITION

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

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

SCHEDULE OF QUANTITY

Estimated cost: 332323.00

Earnest Money: 6640.00

Time :- One Month.

Name of work:- S/R to various residential buildings under Division No.III Shimla.(SH:- Repair of kitchen, glazed verandah flooring, cupboards installation etc in block 42 type IV 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 tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles 10 mm to 25 mm	34.04 Sqm			Per square metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.98 Cum			Per cubic metre	
3	Dismantling of wooden floors upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (joists to be measured and paid for separately) including carriage of materials in all leads and lifts.	10.66 Sqm.			Per square metre.	
4	Dismantling asbestos cement pressure pipes including excavation and refilling trenches after taking out the pipes manually/ by mechanical means and stacking the pipes within 50 metres lead as per direction of Engineer in- charge	6.30 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 :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size). 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.	0.63 Cum			Per cubic metre	
6	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position.2nd class deodar wood. including carriage of materials in all leads and lifts.	0.070 Cum			Per cubic metre	
7	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.35mm thk	3.04 Sqm.			Per square metre.	
8	25 mm wooden planking chemically treated tongued and grooved, in flooring fixing to wooden base frame with iron screws complete (base wooden frame to be paid separately) 2nd class deodar wood planks including carriage of material within all leads and lifts.	1.04 Sqm			Per square metre.	
9	1.5 mm thick pvc/rubber tiles flooring (L.G. Make) 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.	47.84 Sqm			Per square metre.	

10	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. Size of Tile 600x600 mm	15.86	Sqm			Per square metre.	
11	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.	28.89	Sqm			Per square metre.	
12	Half brick masonry in common burnt clay building bricks in super-structure above plinth level upto floor two level.Cement Mortar 1:4 (1 cement:4 sand) Second Class Bricks	1.17	Sqm			Per square metre.	
13	Centering and shuttering including strutting, propping etc. and removal of form for :Foundations, footings, bases of columns, etc. for mass concrete	3.21	Sqm			Per square metre.	
14	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	1.81	Cum			Per cubic metre	
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.including carriage of materials within all leads and lifts.Mild steel and Medium Tensile steel bars	180.53	Kg			Per/Kilogramme	
16	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	229.84	Kg			Per/Kilogramme	
17	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 verlapping 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	9.36	Sqm			Per square metre.	
18	Providing and fixing 19 mm thick commercial board water proof shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	35.56	Sqm.			Per square metre.	
19	Providing and fixing 19 mm thick commercial board water proof shelves/ box for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	18.58	Sqm.			Per square metre.	
20	Providing and fixing 1.00 mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials within all leads and lifts.	27.29	Sqm.			Per square metre.	

21	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	18.58	Sqm.				Per square metre.	
22	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.	100.00	mtr				Per/Runnin g metre	
23	Providing and fixing magnatic catcher with screws etc. complete including carriage of materials within all leads and lifts.	48.00	No				Each	
24	Providing and fixing 125 mm size. aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. completed within all leads, lifts of materials and other incidentals.	48.00	No				Each	
25	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	3.90	Sqm.				Per square metre.	
26	Providing and fixing 40x12mm hard wood corner beading with wood screws in glazing patition etc including carriage of materials within all leads and lifts.	50.00	Rmt.				Per/Runnin g metre	
27	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately). Raj Nagar Plain white marble/ Udaipur green marble	3.86	Sqm				Per Sqmtr metre	
28	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required. Kitchen sink with drain board. 510x1040 mm bowl depth 200. including carriage of materials within all leads and lifts	1.00	No.				Each	
29	Providing and supplying C.P Brass waste 32mm.including carriage of materials within all leads and lifts.	1.00	No.				Each	
30	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	1.00	No.				Each	
31	Providing and fixing wall ceiling floor galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floors. including carriage of materials within all leads and lifts :-15mm nominal bore.	6.00	Rmt				Per/Runnin g metre	
32	Providing and fixing kitchen sink mixture including carriage of materials within all leads and lifts:- including carriage of materials within all leads and lifts.	1.00	No				Each	

33	Providing and fixing 32mm dia P.V.C. waste pipe flexible (Coil type) length not less than 800 mm including carriage of materials within all leads and lifts.	2.00	No.					Each	
34	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete, including carriage of materials within all leads and lifts :- a) 110 mm X 75 mm nominal diameter.	1.00	No.					Each	
35	Providing and fixing high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts :- (i) 110 mm nominal size	6.00	Rmt					Per/Runnin g metre	
ii)	150mm	16.00	Rmt					Per/Runnin g metre	
36	Providing and fixing C.P. brass angle cock of approved quality conforming to IS:8931 : Including carriage of materials within all leads and lifts.	5.00	No					Each	
37	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : Including carriage of materials within all leads and lifts.	2.00	No					Each	
38	Providing and fixing C.P. brass extension nipple for water tank pipe, fittings of approved quality and colour 20mm nominal bore, weighing not less than 40gms.	4.00	No.					Each	
39	Providing and fixing C.P. brass long nose pillar tap with capstan head of approved quality conforming to IS:8931. 15mm nominal bore.	1.00	No					Each	
								TOTAL	

CONDITION

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

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

SCHEDULE OF QUANTITY

27

Estimated Cost Rs. :- 241763.00
Earnest Money Rs. :- 4850.00
Time:- One Month.

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

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

Conditions:-

- 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
H.P.W.D. Shimla-3

SCHEDULE OF QUANTITY

Estimated cost:- 123640.00
Earnest Money:- 2470.00
Time :- One Month.

Name of work:- A/R and M/O to Various Residential buildings under division no. III Shimla. (SH:-Repair of cupboard and repair of ceiling etc in block IV set No.67-68 (T-IV) at U.S club Shimla)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount
			In Figures.	In Words		
		2	3	4	5	6
1	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.	34.68	Sqm.			Per square metre.
2	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	13.05	Sqm.			Per square metre.
3	Providing and fixing 6 mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	10.16	Sqm.			Per square metre.
4	Providing and fixing 1.0mm thick coloured or plain laminated sheet (summica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	13.05	Sqm.			Per Square metre
5	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	11.00	No			Each
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials within all leads and lifts. 125 mm size.	9.00	No			Each
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 within all leads, lifts of materials including carriage of materials within all leads and lifts	92.57	Sqm			Per square metre.
8	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre.	92.57	Sqm.			Per square metre.
9	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufactures. . including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	92.57	Sqm.			Per square metre.

Providing and fixing 9mm thick plywood lining/ceiling with butt jointing and nails (frame work and cover fillets to be measured and paid for seperatly including carriage of materials within all leads and lifts	28.62	Sqm.			Per square metre.	
Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position. 2nd class deodar wood. including carriage of materials in all leads and lifts.	0.135	Cum			Per cubic meter	
					TOTAL	

CONDITION

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
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Executive Engineer
Shimla Division NO.III.
HPPWD.Shimla-3

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