

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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

19049

Dated:- 31-2-21

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

Subject:- Tender Notice

Enclosed kindly find herewith the tender notice for the work 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

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

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, HP.PWD, Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before **21-12-2021** 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 **20-12-2021** and the application for issue of tender form shall be received up to 4.00 P.M. on **18-12-2021**.

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	Special repair to Kamla Nehru Hospital Shimla (SH:-Painting and distempering in front side of OPD Block at KNH Shimla)	Rs.3,53,359/-	Rs.7100/-	One Month	6&8	350/-
2	Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:-Providing Protection wall to Parking leading to curator accommodation at RD's 0/030 to 0/038.).	Rs.4,11,542/-	Rs.8250/-	One Month	6&8	350/-
3	S/R to MLA's Hostel at Metropole Shimla. (SH:- Providing and fixing pine wood ceiling and polishing etc. in set No.704.).	Rs.2,55,190/-	Rs.5150/-	One Month	6&8	350/-
4	Special repair to various residential buildings under Division No.III Shimla (SH: - Replacement of old CGI sheets, ceiling soffits, ridges, eaves boards etc. in Type-I Block 24 at U.S.Club Shimla).	Rs.4,07,882/-	Rs.8157/-	One Month	6&8	350/-
5	Special repair to MLA's Hostel at Metropole Shimla (SH:- Providing and fixing Pine wood ceiling and Polishing etc. in set No. 703.).	Rs.2,59,852/-	Rs.5200/-	One Month	6&8	350/-
6	Special repair to Non residential buildings under Shimla Division No.III (SH:- construction of main gate in the office of the Engineer-in- Chief at Nirman Bhawan, Nigam Vihar Shimla).	Rs.3,88,023/-	Rs.7800/-	One Month	6&8	350/-
7	Special repair to Real Estate regulatory Authority of H.P. office building at Majitha House Chotta Shimla-2. (SH:-Providing and fixing wooden stage on basement floor-I hall etc.)	Rs.1,37,145/-	Rs.2750/-	One Month	6&8	350/-
8	Special repair to Armsdale Building at HP Secretariat Shimla-2 (SH: - Providing and fixing settee in seating area with cushion from 1 st floor to 5 th floor of Armsdale Building Phase-II).	Rs.3,12,608/-	Rs.6260/-	One Month	6&8	350/-
9	A/R & M/O residential building under Shimla Division No.III, Shimla-3 (SH:- Providing and fixing pre-painted sheet roofing over Block No.1, Type-I quarter Ground floor of Ellerslie Colony Chotta Shimla.).	Rs.1,49,830/-	Rs.3000/-	One Month	6&8	350/-
10	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Providing and fixing cupboards, PVC flooring, painting, distempering & PVC water storage tanks in block C-III/21 etc.) at Nabha Estate Shimla).	Rs.1,39,334/-	Rs.2800/-	One Month	6&8	350/-
11	A/R & M/O to various residential buildings under division No.III Shimla.(SH:-Providing and fixing steel stair railing polycarbonate sheet roofing and painting etc. in C-10 at Bemloe Shimla).	Rs.1,14,121/-	Rs.2282/-	One Month	6&8	350/-
12	Special repair to various residential buildings under Division No.III Shimla. (SH:-Repair of kitchen, repair of Toilet, repair of wood work, repair of door windows shutters and repair of cupboards etc. in Block No.4 set No.53 at U.S. Club Shimla).	Rs.3,20,296/-	Rs.6400/-	One Month	6&8	350/-
13	A/R & M/O various residential buildings under Shimla Division No.III (SH:- Repair of flooring, tiles, marble, PVC flooring & sanitary fittings to block No. c-III/24) at Nabha Estate Shimla).	Rs.2,45,488/-	Rs.4950/-	One Month	6&8	350/-
14	A/R & M/O on various building under Sub Division No.VII under HPPWD Division No.III Shimla (SH: - P/F computer system for Circle office, Vidhan Sabha Sub Division and Ripon Section under Sub Division No.VII).	Rs.1,99,269/-	Rs.4000/-	One Month	6&8	350/-
15	A/R & M/O to various residential as well as Non-Residential buildings under Division No.III Shimla (SH:-Repair of doors, white washing, PVC flooring, glass Panes etc. in Camp Office building at U.S. Club Shimla).	Rs.1,35,106/-	Rs.2700/-	One Month	6&8	350/-
16	Special repair to A,B, C&D Block at IGMCI Shimla (SH:-Providing and fixing PVC rain water pipe and chequered tiles in Back side of Block-D).	Rs.2,75,057/-	Rs.5500/-	One Month	6&8	350/-
17	A/R & M/O various residential/ Non Residential building at Vidhan Sabha Shimla. (SH:- Supplying of materials at site for annual repair and maintenance work for various residential/ Non Residential building at Petterhof section Shimla).	Rs.1,49,116/-	Rs.3000/-	One Month	6&8	350/-
18	A/R & M/O to various residential buildings under Division No.III Shimla.(SH:- Providing and fixing paneled and wire gauge door shutter, repair of marble work, sanitary fittings and other miscellaneous repair work in block 36 Set No's 36/8, 36/9, 36/10, 36/11, 36/12, 36/13, 36/14 and 36/17 at Nabha Estate Shimla).	Rs.1,79,590/-	Rs.3590/-	One Month	6&8	350/-
19	A/R & M/O to Non-Residential buildings under Division No.III Shimla. (SH:- Repair of kitchen, room floor and wall repair in set No.1 at Kriston Hall at Benmore Shimla).	Rs.1,08,679/-	Rs.2584/-	One Month	6&8	350/-
20	S/R to various residential buildings under Division No.III Shimla (SH:-Repair of room No.1, 2, kitchen and bath tile in Old block No.II Set No.2 and 3 at Benmore Shimla).	Rs.2,14,765/-	Rs.4300/-	One Month	6&8	350/-
21	A/R & M/O various Non-residential building at Vidhan Sabha Shimla (SH:-Painting and distempering work in Admin Block, Council Building, Hon'ble Speaker office, flower pots and road Side drain etc.)	Rs.2,19,247/-	Rs.4400/-	One Month	6&8	350/-
22	Special repair to Principal office at IGMCI Shimla. (SH: - Construction of toilet for Ladies & Gents in Back side of Principal office in first floor).	Rs.4,98,921/-	Rs.10000/-	One Month	6&8	350/-
23	Special repair to Directorate of Urban Development (Palika Bhawan) Talland Shimla-2 (SH:-Construction of Chamber, PVC, pipe, Plinth protection right side of Building etc.).	Rs. 2,14,427/-	Rs.4300/-	One Month	6&8	350/-
24	Furnishing of Urban Development office at Palika Bhawan Talland Shimla (SH:- Supplying and placing Double Bed Box, Mattresses quilt, Pillow with cover).	Rs. 1,81,994/-	Rs.6600/-	One Month	6&8	350/-
25	Special repair to various residential buildings under Shimla Division No.III (SH:-Furnishing work in Bunglow No.6 (First Floor) at Harvington Estate Shimla-1).	Rs.3,44,723/-	Rs.6900/-	One Month	6&8	350/-
26	A/R & M/O to various road under Sub Division No.V, H.P.PWD.Shimla-2 (SH:- Providing and laying hot applied thermo Plastic line along the Road Navbahar to Ritiz 0.00 to 1/200 and Cart Road to Mahamaya Cottage 0/00 to 1/270).	Rs.2,22,300/-	Rs.4500/-	One Month	6&8	350/-

	Special repair to various residential building in Shimla Division No.III (SH:- Construction of Steel stair/Path for Block-B Type-II Qtrs Set No.9 to 16 Ground Floor to Third floor at Barnes Court Shimla-2).	Rs. 3,17,657/-	Rs.6400/-	One Month	6&8	350/-
28	A/R & M/O various residential/ Non-residential building at Vidhan Sabha Shimla.(SH:- Supplying of materials at site for annual repair and maintenance work for various residential/ Non-residential building at Vidhan Sabha Shimla.).	Rs.1,20,567/-	Rs.2450/-	One Month	6&8	350/-
29	Special repair to Residential building under Shimla Division No.III (SH:- Providing and laying preprinted sheet, chhajja and both side of out house of Curzon house building at Chaura Maidan Shimla).	Rs.3,96,735/-	Rs.7950/-	One Month	6&8	350/-
30	A/R & M/O to Council Chamber Building at Vidhan Sabha Shimla. (SH:-Providing and laying woven carpet in Stage & near entrance door etc.).	Rs.2,13,983/-	Rs.4300/-	One Month	6&8	350/-
31	Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:-Construction of Breast wall on the road leading to Parking at RD's 0/038 to 0/045).	Rs.4,36,464/-	Rs.8750/-	One Month	6&8	350/-
32	A/R & M/O Residential Building under Shimla Division No.III (SH:-C/O Retaining wall at RD. 0/216 to 0/226 in Road from Cart Road to Mahamaya Cottage for Protection of Residential Building at Barnes Court Shimla).	Rs.2,78,308/-	Rs.5600/-	One Month	6&8	350/-

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

Terms & Conditions:-

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

Executive Engineer,
Shimla Division No-III,
H.P.P.W.D.Shimla-5.
Dated:- 3/2-21

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

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

1. The Engineer-in-Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla-2.
2. The Deputy Commissioner Distt. Shimla-1.
3. The Superintending Engineer 4th Circle in H.P.P.W.D 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

Executive Engineer,
Shimla Division No-III,
H.P.P.W.D.Shimla-5.

SCHEDULE OF QUANTITY

Name of work:- Special repair to Kamla Nehru Hospital Shimla (SH:-Painting and Distemping in Front Side of OPD. Block at KNH Shimla)

Estimated Cost:- Rs.353359/- only
Earnest Money : Rs.7100/-Only

Time - One Month

S.No.					Time - One Month	
Sub head and items of work		Qty.	Rate		Unit	Amount
1	2	3	In figure	In words	6	7
1	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives:- Old work (Two or more coat applied @ 1.82ltr/ 10sqm) on existing cement paint surface. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm complete including carriage of materials within all leads and lifts.	1541.86	Sqm		Per Square Metre	
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	925.11	Sqm		Per Square Metre	
3	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.	925.11	Sqm		Per Square Metre	
4	Providing scaffolding for all kind of works in multistorey buildings up to all height with Bamboo complete tied with rope on joints and pedestal of CGI Sheet etc. in all respect (Face area of scaffolding up to top pedestal height shall be measured and paid for) including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	1440.00	Sqm		Per Square Metre	
5	cleaning of Glass Panes By Scraping or Using Pait Remover any Pait dissolving Oil Complete as per the Direction of -Engineer- in Charge.	220.32	Sqm		Per Square Metre	
6	Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour on old work complete including carriage of materials within all leads and lifts:- (i) 100mm diameter pipes.	210.00	Rmt.		Per Running Metre	
Conditions:-					Total	

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

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

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

SCHEDULE OF QUANTITY

(2)

Almarch

Name of work:- Special repair to State Museum building at Chaura Maidan Shimla-4 (SH: - Providing Protection wall to Parking leading to Curator accommodation at RD's 0/030 to 0/038.)

Estimated Cost Rs. :- 411542.00
Earnest Money Rs. :- 8250.00
Time:- One Month.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means 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.	172.12 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.	15.84 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.88 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 20mm nominal size.) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	39.42 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.	19.60 Sqm.			Per Square metre	

6	Providing weep holes in brick masonry/ stone masonry/plain concrete/ reinforced concrete, abutment, wing walls with 100mm dia PVC pipe extending through the full length with of the structure with the slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specifications complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	16.20 Rmt.		Per Running metre	
7	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10km for 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.	187.96 Cum		Per Cubic metre	
Conditions:-					Total

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

2 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. :- 255190.00
Earnest Money Rs. :- 5150.00
Time:- One Month.

Name of work:- Special Repair to MLA's Hostel at Metropole Shimla. (SH:- Providing and fixing Pine wood Ceiling and Polishing etc. in set No. 704.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	59.03 Sqm			Per square metre	
2	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.39 Cum			Per Cubic metre	
3	Providing and fixing 12mm thick water proof kit ply of standred quality of approved shade and colour in paneling and wall lining with butt jointing and nails (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	59.03 Sqm			Per square metre	
4	Providing and fixing 12mm thick pine wood plank of approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) including carriage of material within all leads and lifts.	59.03 Sqm.			Per square metre	
5	Providing and fixing cornor beading 40mm X 40mm 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.	72.48 Rmt.			Per running metre.	
6	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	64.95 Sqm			Per square metre	
7	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	54.43 Sqm.			Per square metre.	
8	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.	54.43 Sqm			Per square metre	
9	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.	136.08 Sqm			Per square metre	

10

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.

88.54 Sqm

Per square
metre

Total

Conditions:-

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

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

(5)

SCHEDULE OF QUANTITY

Name of work:- S/R to various residential buildings under division No.III Shimla.(SH:- Replacement of Old CGI Sheets , ceiling soffits, ridges, eaves boards etc. in Type -1 Block 24 at U.S club Shimla.)

Estimated cost:- 407882.00
Earnest Money:- 8157.00

Time :- One Month.

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	1	3	4	5	6	
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet. including carriage of materials within all leads and lifts.	252.00 Sqm.			Per square metre	
2	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. complete. including carriage of materials within all leads and lifts:- 2nd class d/dar wood.	0.70 Cum			Per cubic metre	
3	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and wood screws (frame work and cover filets to be measured and paid for separately) including carriage of materials within all leads and lifts.	36.00 Sqm.			Per square metre	
4	Providing and fixing hard wood plain square edged cover filets (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	
5	Providing eaves board 200mmx25mm thick including fixing in position in 2nd class deodar wood including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	45.00 Rmt.			Per Running metre	
6	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.63 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever required.	160.00 Sqm.			Per square metre	
7	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.63 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : i) Ridges plain (500 - 600mm)	45.00 Rmt.			Per Running metre	
8	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works. including carriage of materials within all leads and lifts.	36.00 Sqm.			Per square metre	

SCHEDULE OF QUANTITY

(5)

Estimated Cost Rs. :- 259852.00
Earnest Money Rs. :- 5200.00
Time :- One Month.

Name of work:- Special Repair to MLA's Hostel at Metropole Shimla. (SH:- Providing and fixing Pine wood Ceiling and Polishing etc. in set No. 703.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50metres lead complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	59.03 Sqm			Per square metre	
2	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	0.387 Cum			Per Cubic metre	
3	Providing and fixing 12mm thick water proof kit ply of standred quality of approved shade and colour in paneling and wall lining with butt jointing and nails (Frame work for base to be measured and paid for separately) including carriage of materials within all leads and lifts.	59.03 Sqm			Per square metre	
4	Providing and fixing 12mm thick pine wood plank of approved shade and colour in ceiling including mitring at junctions, butt jointing and nails complete (frame work for base to be measured and paid for separately) including carriage of material within all leads and lifts.	59.03 Sqm			Per square metre	
5	Providing and fixing corror beading 40mm X 40mm 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.	72.48 Rmt.			Per running metre.	
6	Polishing two or more coats with top coating of malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler complete including carriage of materials in all leads and lifts.	64.95 Sqm			Per square metre	
7	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	136.08 Sqm.			Per square metre.	
8	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.	136.08 Sqm			Per square metre	
9	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.	136.08 Sqm			Per square metre	

10 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.

88.54 Sqm

Per square
metre

Total

Conditions:-

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

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

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost: -Rs. 388023/- only

Earnest Money : Rs. 7800/- Only

Time - One Month

Name of work: - Special repair to Non residential buildings under Shimla Division No. III (SH:- Construction of main gate in the office of the Engineer-in-Chief at Nirman Bhawan, Nigam Vihar Shimla).

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	67
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto all leads and lift upto 1.5 m, as directed by Engineer-in-charge including carriage of materials within all leads and lifts. Ordinary rock	1.53	Cum	Per cubic meter	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	0.72	Cum	Per cubic meter.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	0.26	Cum	Per cubic meter.	
4	Centering and shuttering including strutting, propping etc. and removal of form work for (i) Foundations, footings, bases for columns including carriage of materials within all leads and lifts.	4.80	Sqm	Per square meter	
5	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like including carriage of materials within all leads and lifts.	1.40	Sqm	Per square meter	
6	Providing, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size including carriage of materials within all leads and lifts.	0.19	Cum	Per cubic meter.	
7	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.	19.00	Kg	Per Kilogram	
8	Coursed rubble masonry (first & second sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of materials within all leads and lifts.	0.54	Cum	Per cubic meter.	
9	Extra for coursed rubble masonry with hard stone (first or second sort) curved on plan for a mean radius not exceeding 6 m. including carriage of materials within all leads and lifts.	0.54	Cum	Per cubic meter.	
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in grillings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	3300.18	Kg	Per Kilogram	

11	Providing and fixing ACP sheet 4mm thick in lining/ceiling/walls, doors/panelling fixed with self drilling screws etc. complete by the Engineer-in-Charge including carriage of materials within all leads and lifts.	3.60	Sqm				Per square meter.	
12	Providing and fixing precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.60 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials within all leads and lifts.	27.50	Sqm				Per square meter	
13	Providing and fixing precast galvanized steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness. Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete Ridges plain (500 - 600mm) including carriage of materials within all leads and lifts.	12.55	Rmt				Each	
14	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	76.45	Sqm				Per square meter	
15	Providing temporary platform by way of scaffolding for the repair of ceiling/roofs/ roofs projection etc. upto all heights with bamboo complete tied with rope on joints and platform of old CGI sheets etc. in all respect including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge (Area of platform top shall be measured and paid for only).	70.00	Sqm				Per square meter	
Conditions:-							Total	

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

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

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

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

SCHEDULE OF QUANTITY

Name of work: - Special Repair to Real Estate Regulatory Authority of H.P. office building at Majitha House Chotta Shimla-2. (SH:- Providing and fixing wooden stage on basement floor-1 hall etc.)

Estimated Cost Rs. :- 137145.00
Earnest Money Rs. :- 2750.00
Time:- One Month.

Signature

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing wood work in frames of false ceiling and partitions etc. sawn and put up in position including carriage of materials in all leads and lifts:- Second class deodar wood.	0.272 Cum			Per Cubic metre	
2	40mm wooden planking tongued and grooved, in flooring fixing to wooden base frame with iron screws complete (base wooden frame to be paid separately) including carriage of materials in all leads and lifts:- Second class deodar wood planks	10.19 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.	10.72 Sqm			Per square metre.	
4	Providing and fixing ornamental moulded corner 50mm x 50mm section with wood screws in ceiling and lining including mitring at junctions in first class deodar wood including carriage of materials within all leads and lifts.	13.89 Rmt.			Per running metre.	
5	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expanded polietheene foam plus 100 Microne thick polietheene sheet under lay No. 045 Beech West including border of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of material in all leads and lifts.	10.72 Sqm			Per square metre.	
6	Providing and fixing non woven flooring covering of floor having loop pile height 5.50mm and weight 1450-1550gm/ Square metre laid in flooring/ skirting, coloured, plain of approved make and brand, laid with approved adhesive bonding quality conforming to IS: 2046 type S (damp proof treatment to be measured and paid for separately) complete as per H.P.PWD. specifications in all leads and lifts including cost of materials and as per the direction of the Engineer-in-Charge.	10.72 Sqm			Per square metre.	
7	Providing and fixing Roller blind of superior quality vista make cloth as per approved sample including quality of cloth, design and shade etc. of specified length and standred width complete as per directed by the Engineer-in charge including carriage of materials within all leads and lifts.	8.41 Sqm			Per square metre	
Conditions:-						
i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						
ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
Total						

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

SCHEDULE OF QUANTITY

(8)

Estimated Cost Rs. :- 312608.00
Earnest Money Rs. :- 6260.00
Time:- One Month.

Name of work: - Special Repair to Armsdale Building at HP Secretariat Shimla-2 (SH: -Providing and fixing settee in seating area with cushion from 1st floor to 5th floor of Armsdale Building Phase-II).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing 19mm thick Commercial board in box /Shelf complete with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge.	77.73 Sqm			Per square metre.	
2	Providing and fixing 19mm thick Commercial board in Shutters complete with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge.	14.14 Sqm			Per square metre.	
3	Providing and fixing 6mm 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	19.19 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	21.44 Sqm			Per square metre.	
5	Providing and fixing 1st class teak wood moulded corner of size 40mm x 40mm section i/c mitring at junctions with wood screws and nails complete in including carriage of materials in all leads and lifts.	204.25 Rmt.			Per square metre.	
6	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts.	45.00 No.			Per square metre.	
7	Providing and fixing magnetic catcher including carriage of materials within all leads and lifts.	45.00 No.			Per square metre.	
8	Polishing two or more coats with malmaline 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.	328.24 Sqm			Per square metre.	
9	Providing and fixing back and seat cushion for settee of 3" foam of sleepwell 32density upholstered with leatherite fabric complete including carriage of materials in all leads and lifts.	7.39 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

(9)

Estimated Cost Rs. :- 149830.00
Earnest Money Rs. :- 3000.00
Time:- One Month.

Time:-

One Month.

Name of work: - A/R and M/O residential building under Shimla Division No. III, Shimla -3. (SH: - Providing and fixing pre-painted Sheet roofing over Block No. 1, Type-I quarters Ground 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	59.69 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.	0.130 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.	351.90 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.	59.69 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:- (i) Gutter (600 mm over all girth) complete including carriage of materials within all leads and lifts.	17.30 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.	11.60 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.	4.84 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.	6.00 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.	4.00 No.			Each	
9.01	Shoe (Plain) 110 mm size.	2.00 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 over an under coat of primer applied @ 0.80 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.	16.44 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

iii Recovery of Useful/ unuseful CGI Sheet i.e. 59.69 Sqm recovered from site will be charged / deducted from contractor @ Rs.130.00 per square metre only.

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

DRAFT SCHEDULE OF QUANTITY

(10)

Kalyan Jang

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, PVC flooring, painting, distempering & PVC water storage tanks in block C-III/21 etc) at Nabha Estate Shimla.

Estimated cost:- 139334.00
Earnest Money:- 2800.00
Time :- One Month

Sl. NO.	Description	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	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 carriage of materials within all leads and lifts.	42.68 Sqm			Per square meter	
2	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	10.56 Sqm.			Per square metre.	
3	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	28.49 Sqm.			Per square metre.	
4	Providing and fixing 0.80mm thick coloured or plain lamination sheet (sumnica) on boards/ply wood sheets with approved adhesive and nails etc complete. Including carriage of materials in all leads and lifts.	10.96 Sqm.			Per square metre.	
5	Providing and fixing hard wood square edged cover fillets (beading) 19mmx6mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	64.64 Rmt.			Per running metre.	
6	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete. 125 mm including carriage of materials within all leads and lifts.	54.00 No.			Each	
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	55.00 No.			Each	
8	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	110.22 Sqm			Per square meter	
9	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	110.22 Sqm			Per square meter	
10	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.	48.58 Sqm.			Per square meter	
11	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.	81.21 Sqm.			Per square meter	
12	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	30.27 Sqm			Per Square Metre	
13	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials within all leads and lifts.	1000.00 Liter.			Per liter	

14	Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats complete 15 mm nominal bore including carriage of materials in all leads and lifts.	1.00 No.				Each	
15	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including carriage of materials in all leads and lifts.	1.00 No.				Each	
CONDITION:-						Total:-	

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


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

Name of work:-A/R and M/O to various residential buildings under division no III Shimla.(SH:- Providing and fixing steel stair railing polycarbonatd sheet roofing and painting etc. in C-10 at Bemloe Shimla.)

CONDITION

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 change in design should conform to Bureau of Indian Standard in the market should conform to Bureau of Indian Standard as per Indian Standard in the market should conform to Bureau of Indian Standard available as per Indian Standard in the market should conform to Bureau of Indian Standard

2011-2012

(12)

SCHEDULE OF QUANTITY

Estimated cost: 320296.00
 Earnest Money: 6400.00
 Time :- One Month.

Name of work:-Special repair to various residential buildings Under Division No. III Shimla.(SH):- Repair of Kitchen, repair of Toilet, repair of wood work, Repair of door windows shutters and repair of cupboards. Etc. in Block No.4 set No.53 at U.S Club Shimla.

Name of work:-Special repair to various wooden shutters and repair of cupboards. Etc. in Block No.4 set No.33 at U.O. Office						
work, Repair of door windows shutters and repair of cupboards. Etc. in Block No.4 set No.33 at U.O. Office		Qty.	Rate		Unit	Amount
S.R. NO.	Sub-Head/Item of work.		In Figures.	In Words		
2						
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	1.08 Cum	3		Per Cubic metre	
2	Dismantling doors, windows and clerestory windows, ventilators etc. (wood or steel) shutters including chowkhats, architraves, hold fasts and other attachments etc. complete and stacking them within 20 metres lead.	3.00 No			Each	
3	Taking out doors, windows and clerestory windows shutters (steel or wood) including stacking within 20 metres lead. Not exceeding 3 sqm in area.	28.74 Sqm.			Per square metre.	
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead complete including carriage of materials within all leads and lifts. For thickness of tiles 10 mm to 25 mm	0.96 Sqm.			Per cubic 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)	7.61 Sqm.			Per square metre.	
6	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 including carriage of materials within all leads and lifts.	1.44 Sqm.			Per square metre.	
7	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble				Per cubic metre.	
8	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second Class Deodar wood	0.076 Cum				

9	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc Second Class Deodar wood	0.669 Cum			Per cubic metre.
10	Providing and fixing 35 mm 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.	5.67 Sqm.			Per square metre.
11	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. 2nd class deodar wood 30 mm thick	12.66 Sqm			Per square metre.
12	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.	19.95 Sqm			Per square metre.
13	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately)	9.60 Sqm			Per square metre.
14	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.	5.76 Sqm.			Per Square metre
15	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	5.52 Sqm.			Per Square metre
16	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	20.16 Sqm.			Per Square metre
17	Providing and fixing 1.0mm thick coloured or plain laminated sheet (suminica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	5.76 Sqm.			Per Square metre
18	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.	26.00 Rmtir			Per running metre.
19	Providing and fixing M.S. sliding door bolts with screws and nuts etc complete including carriage of materials within all leads and lifts. :-300 X 16 mm	3.00 Nos.			Each
20	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1888) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm	7.00 Nos.			Each

21	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.	18.00	Nos.			Each
22	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125mm.	6.00	Nos.			Each
(ii)	100mm	12.00	Nos.			Each
23	Precast terrazzo tiles 22 mm thick with graded marble chips of sizes upto 12 mm, in skirting and risers of steps not exceeding 30 cm in height, on 12 mm thick cement plaster 1:3 (1 cement : 3 coarse sand), jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete with tiles of : Medium shades pigment using 50% white cement and 50% ordinary cement	9.60	Sqm.			Per Square metre
24	Providing & Fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	28.74	Sqm.			Per Square metre
25	15mm cement plaster in single coat on rough side of brick/concrete/ stone walls for interior plastering upto floor two level including artises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. Cement Mortar 1:6	7.63	Sqm			Per square metre.
26	15mm cement plaster in single coat on Fair side of brick/concrete/ stone walls for interior plastering upto floor two level including artises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. Cement Mortar 1:6	11.41	Sqm			Per square metre.
27	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.	70.62	Sqm			Per square metre.
28	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	19.02	Sqm			Per square metre.
29	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture	86.92	Sqm			Per square metre.
30	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.	19.95	Sqm			Per square metre.

46	Providing & fixing 32 mm dia. PVC waste pipe for wash basin or sink including check nut including carriage of material within all leads and lifts:-	1.00	No				Each
47	Providing & fixing 100 mm dia. C.P. grating including carriage of material within all leads and lifts:-	3.00	No				Each
48	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :	1.00	No				Each
49	Providing and fixing C.P. brass towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mmx20mm long towel rail including carriage of materials within all leads and lifts	1.00	No				Each
50	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :-						Each
51	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore. including carriage of materials within all leads and lifts.	6.00	No				Each
52	Providing and fixing C.P. brass Pillar Tap of approved quality conforming to IS:8931 : 15 mm nominal bore. including carriage of materials within all leads and lifts.	2.00	No				Each
53	Providing and fixing PVC. connection pipe with brass union including carriage of materials within all leads and lifts :- 300/450mm length :- 15mm nominal bore.	3.00	No.				Each

CONDITION

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

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

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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Repair of flooring, tiles, marble, PVC flooring & sanitary fittings to block No. C-III/24) at Nabha Estate Shimla.

Estimated cost:- 245488.00
Earnest Money:- 4950.00
Time :- One Month

Sl. NO.	Description	Qty.	Rate		Unit	Amount.
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - In - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix) including carriage of materials in all leads and lifts.	1.17 Cum			Per Cubic metre.	
2	Dismantling the work in floors and roofs laid in cement mortar including stacking material within all leads For thickness of tiles 10 mm to 25 mm including carriage of materials within all leads and lifts.	40.79 Sqm			Per square meter	
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level as per the direction of Engineer-in-Charge 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts.	0.15 Cum			Per Cubic metre.	
4	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	1.45 Sqm			Per square meter	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer- in-charge In Foundation and plinth	0.71 Cum			Per cubic metre.	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more including carriage of materials within all leads and lifts.	12.00 Kgs.			Per Kilogramme	
7	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts. Second class chil/rai wood.	0.04 Cum			Per cubic metre	
8	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm. for doors, windows and clerestory windows with hinges and necessary screws 35 mm thick shutters 2nd class deodar wood including carriage of materials within all leads and lifts.	0.72 Sqm			Per square meter	
9	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete With 2nd class deodar wood beading 40x12 mm including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	1.15 Sqm			Per square meter	
10	Providing and fixing 6mm 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 within all leads and lifts.	37.78 Sqm			Per square meter	
11	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	10.26 Sqm.			Per square metre.	
12	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	18.66 Sqm.			Per square metre.	
13	Providing and fixing 0.80mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	13.10 Sqm.			Per square metre.	
14	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	34.08 Rmt.			Per running metre.	
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1866) transparent or dyed to required colour or shade, with necessary screws etc. complete 125 mm including carriage of materials within all leads and lifts.	34.00 Nos.			Each	

16	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete Triple strip vertical type including carriage of materials within all leads and lifts.	34.00 Nos.			Each	
17	Providing and fixing 1.50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of materials in all leads and lifts.	30.29 Sqm			Per Square Metre	
18	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble Area of slab over 0.50 sqm including carriage of materials in all leads and lifts.	2.88 Sqm			Per Square Metre	
19	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge Marble work including carriage of materials within all leads and lifts.	3.65 Rmt.			Per running metre.	
20	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete, including carriage of materials within all leads and lifts.	34.94 Sqm.			Per square meter	
21	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete size of tiles 600x600mm thick including carriage of materials within all leads and lifts.	26.80 Sqm			Per square meter	
22	Providing and fixing Stainless Steel A ISI 304 (18/8) Kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	1.00 No			Each	
23	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid.	1.00 No			Each	
24	10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials within all leads and lifts.	1.00 No			Each	
25	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps including carriage of materials within all leads and lifts.	2.00 No			Each	
26	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Flexible pipe 32mm dia including carriage of materials within all leads and lifts.	12.00 Rmt			Per running metre	
27	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, 1/2" cutting and making good the walls etc. 15 mm dia nominal bore internal work including carriage of materials in all leads and lifts.	5.00 No.			Each	
28	Providing and fixing uplasticsed PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts	4.00 No.			Each	
29	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 15 mm nominal bore including carriage of materials in all leads and lifts	5.00 No.			Each	
	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials within all leads and lifts -15mm dia	5.00 No.			Each	

30	Providing and fixing 15mm mixer for kitchen sink with top/bottom swinging spout including carriage of materials within all leads and lifts.	1.00 No				Each	
31	Providing and fixing 100mm sand CP grating for floor or nahani trap including carriage of materials within all leads and lifts.	4.00 No				Each	
32	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content with ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre including carriage of materials within all leads and lifts.	87.22 Sqm				Per square meter	
33	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.	87.22 Sqm				Per square meter	
34	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work including carriage of materials in all leads and lifts.	131.86 Sqm.				Per square metre.	
35	Distemping with 1st quality acrylic distemper (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Old work (one or more coats) including carriage of materials in all leads and lifts.	136.05 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 the material which are available as per Indian standard in the market should conform to bureau of Indian standards.

Executive Engineer
Shimla Division/RO III.
H.E.PWD.Shimla-171003

SCHEDULE OF QUANTITY

(14)

Name of work: -A/R & M/O on various building under Sub Division No. VII under HPPWD
Division No. III Shimla (SH: P/F Computer system for Circle office, Vidhan Sabha Sub Division and Ripon Section Under Sub Division No. VII)

Estimated Cost: -Rs.199269/- only
Earnest Money : Rs.4000/-only
Time - One Month

S.N	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				6	7
1	Computer system Dell or equivalent with Intel Core-i3 9th Generation Processor /4GB DDR3 RAM/1 TB DATA HD Drive/ DVD RW Drive 18.5" or higher widescreen TFT Monitor/ Tnteg 10/100/1000Mbps Ethernetwifi controller/USB key board/ Optical Mouse/ USB Ports/ PL Original window-10- i/c original O.S. (Three years on site warranty except plastic parts) including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge. (I/c GST Tax 18%)	3.00	No			Each	
2	600 VA Offline System (Numeric with 12Vx7Ahx2Nos. SMF batteries to provide 15-20 min. backup (03 years warranty on UPS & 12 months on batteries from delivery date) including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge. (I/c GST Tax 18%)	3.00	No			Each	
3	Canon LBP2900 (Print only) single function printer A4 size printer print upto 15ppm 2MB RAM up to 600 dpi resolution legal size printing (with one year warranty except toner & plastic parts) including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	3.00	No			Each	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

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

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

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	8.58 Cum.	4	5	Per cubic metre	
2	Providing and laying spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness hand packing/rolling to proper grade and camber applying and brooming, stone screening/binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specification clause 404, including carriage of materials within all leads and lifts.	8.58 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 : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size).	4.29 Cum.			Per cubic metre	
4	Precast plain chequered tiles hydraulic compressed 22 mm thick laid in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (1 cement : 6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) complete with tiles of medium shades including carriage of materials within all leads and lifts.	85.80 Sqm.			Per square metre	
Total:-						

CONDITION

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

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

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

SCHEDULE OF QUANTITY

Name of work:- Special Repair to A,B,C&D Block at IGMC Shimla (SH: Providing and Fixing PVC. Rain Water Pipe and Chequered Tiles in Back side of Block -D)

Estimated Cost:-Rs. 275057/- only

Earnest Money:- Rs.5500/-only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				6	7
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all Leads and lifts. (i) All kinds of soil	12.86	cum.			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: (i) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	12.86	Cum			Per Cubic Metre	
3	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of material in all leads and lifts as per direction of the Engineer in Charge. (i) Medium shade pigment using 50% white cement, 50% ordinary cement	180.47	Sqm			Per Square Metre	
4	Providing and fixing on wall face PVC. rain water pipes including filling the joints 110 mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	22.40	Rmt.			Per Running Metre	
5	Providing and fixing on wall faces PVC (D-Plast) accessories for rain water pipes including filling the joints with approved adhesive complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge. (a) 110 mm Dia (i) PVC. Single door Tee (i) 110 mm dia	3.00	No.			Each	
5.10	PVC. Plain Bend(i) 110 mm Dia including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	5.00	No.			Each	
5.20	PVC. Plain Shoe (i) 110 mm Dia including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	2.00	No.			Each	
6.00	Supplying and Fixing in position precast R.C.C Manhole Cover With Frame Having Size including carriage of material in all leads and lifts as per direction of the Engineer in Charge (i) 650x450 mm	5.00	No.			Each	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

(17)

Estimated Cost Rs. :- 149116.00
Earnest Money Rs. :- 3000.00
Time:- One Month.

Name of work:- A/R & M/O various residential/ Non Residential building at Vidhan Sabha Shimla. (SH: - Supplying of materials at site for annual repair and maintenance work for various residential/ Non Residential building at Petherhof section Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Supplying/ providing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	5.00 No.			Each	
2	Supplying/ providing C.P. brass ball cock with float 15mm (fifteen millimetre) nominal bore of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	15.00 No.			Each	
3	Supplying/ providing of 15mm dia G.I. socket medium duty of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	12.00 No.			Each	
4	Supplying/ providing of 15mm dia G.I. union medium duty of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	15.00 No.			Each	
5	Supplying/ providing of 15mm dia gate valve with PVC coated lever complete of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	20.00 No.			Each	
6	Supplying/ providing of PVC connection pipe 15mm X 600mm of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	15.00 No.			Each	
7	Supplying/ providing of 15mm dia 75mm length G.I. nipple of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	10.00 No.			Each	
8	Supplying/ providing of 15mm dia G.I. tank nipple of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	10.00 No.			Each	
9	Supplying/ providing Phynal Bottle 750ml of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	50.00 No.			Each	
10	Supplying/ providing toilet acid Bottle 750ml of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	30.00 No.			Each	
11	Supplying/ providing Blm powder 500 grame packing of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	15.00 No.			Each	
12	Supplying/ providing floor duster of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	40.00 No.			Each	
13	Supplying/ providing table duster of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	30.00 No.			Each	
14	Supplying/ providing bamboo broom of approved brand at store of petherhof section including carriage of materials within all leads and lifts.	20.00 No.			Each	

15	Supplying/ providing Narial broom of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	20.00 No.			Each	
16	Supplying/ providing soft broom of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	20.00 No.			Each	
17	Supplying/ providing 600mm x 120mm acrylic glass shelf with C.P. brass bracket and guard rail complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
18	Supplying/ providing PVC sheet cover Hollow complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
19	Supplying/ providing leak stop complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	15.00 Kgs			Per Kilogramme	
20	Supplying/ providing of 100mm Nail 8No. size of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
21	Supplying/ providing aluminium handle 100mm size of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
22	Supplying/ providing aluminium tower bolt 150mm size of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
23	Supplying/ providing of 4mm thick plain glass of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	350.00 Sft			per square feet	
24	Supplying/ providing of puleen glazing of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	10.00 Kgs			Per kilogramme	
25	Supplying/ providing of Silicon tube of 100ml of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	3.00 No.			Each	
26	Supplying/ providing of 10.00 liters capacity PVC low level flushing system of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
27	Supplying/ providing of Hydraulic door closer of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	20.00 No.			Each	
28	Supplying/ providing rubber foot matt of good/ approved quality and shade and size complete at store of petterhoff section including carriage of materials within all leads and lifts.	20.00 Sft.			Per square feet	
29	Supplying/ providing of harpic of 500ml of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	30.00 No.			Each	
30	Supplying/ providing of dustbin with pedestal of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
31	Supplying/ providing of wiper with handle of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
32	Supplying/ providing of CP grating 100mm dia with frame of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	

33	Supplying/ providing of PVC ball cock for PVC cistern of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	3.00 No.			Each	
34	Supplying/ providing of CP jet with PVC pipe complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	10.00 No.			Each	
35	Supplying/ providing of white solid plastic seat with Lid of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
36	Supplying/ providing of 15mm dia gun metal full way wheel valve complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
37	Supplying/ providing drill bitt for RCC 6mm size complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
38	Supplying/ providing low level kit double syphon complete of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
39	Supplying/ providing of G.I. pipe medium duty of approved brand at store of petterhoff section including carriage of materials within all leads and lifts:- 15mm dia.	18.00 Rmt			Per running metre	
40	Supplying/ providing of 15mm dia G.I. Elbow medium duty of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	15.00 No.			Each	
41	Supplying/ providing of 32mm dia PVC waste pipe of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	10.00 No.			Each	
42	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
43	Supplying/ providing of white cement of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 Kgs			Per kilogramme	
44	Supplying/ providing of 75mm Nail 14No. size of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
45	Supplying/ providing of G.I. Limpet washer of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
46	Supplying/ providing of handle with rod for PVC cistern of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
47	Supplying/ providing of 40mm Nail 14No. size of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
48	Supplying/ providing of spindle for cock with washer 15mm dia of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	

49	Supplying/ providing of 20mm dia G.I. socket medium duty of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
50	Supplying/ providing of 25mm X 20mm dia G.I. socket medium duty of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
51	Supplying/ providing of 150mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
52	Supplying/ providing of 150mm dia PVC plain bend of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	1.00 No.			Each	
53	Supplying/ providing of 110mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
54	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	2.00 No.			Each	
55	Supplying/ providing of glass cleaner spray of 200ml of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
56	Supplying/ providing phool broom of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	5.00 No.			Each	
57	Supplying/ providing of 5.50mm thick plain glass of approved brand at store of petterhoff section including carriage of materials within all leads and lifts.	60.00 Sft			per square feet	
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.

18

SCHEDULE OF QUANTITY

Estimated cost:- 179590.00

Earnest Money:- 3590.00

Time :- One Month.

Name of work:- A/R and M/O to various residential buildings under division no III Shimla.(SH:- Providing and fixing panelled and wikre gauge door shutter, Repair of marble work, Sanitary fittings and other miscellenous repair work in Blok 36 Set No's. 36/8,36/9,36/10,36/11,36/12,36/13,36/14 and 36/17 at Nabha Estate Shimla.)

SR. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
	2	3	4	5	6	
1	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts.Second class Rai wood.	0.113 Cum			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers	11.61 Sqmtr			Per square meter	
3	Providing and laying spreading and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness hand packing/rolling to proper grade and camber applying and brooming, stone screening/binding materials to fill-up the interstices of course aggregate, watering and compacting to the required density as per technical specification clause404. including carriage of materials within all leads and lifts.	3.14 Cum.			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	6.88 Cum			Per cubic metre.	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.45 Cum			Per cubic metre.	
6	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	3.99 kg			Per kilogramme	
7	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble.	15.28 Sqmtr			Per square meter	
8	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.Marble work	20.00 Rmt			Per/Running metre	

9	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. one or more coats on old work	318.32	Sqmtr			Per square meter
10	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 110 X 75 mm.	16.00	No			Each
11	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.00	No			Each
12	Providing and fixing white vitreous china water closet squatting pan (Indian type) including carriage of materials within all leads and lifts as per direction of Engineer - in - charge. Urissa pattern.	2.00	No			Each
13	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :- Solid Type :-White plastic seat and cover.	1.00	No			Each
14	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	3.00	No			Each
15	Providing and fixing 110 mm dia high pressure PVC (finolex) spigot and socket, waste and ventilating pipes with collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	2.70	Rmt			Per/Running metre
16	75mm dia	1.20	Rmt			Per/Running metre
17	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15 mm nominal bore. complete including carriage of materials within all leads and lifts.	9.00	No			Each
18	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.	6.00	No			Each
19	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required. 610x460 mm bowl depth 200.	8.00	No			Each
20	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials within all leads and lifts :-32 mm dia.	8.00	No			Each
21	Providing & fixing 32 mm dia, PVC waste pipe for wash basin or sink including check nut including carriage of material within all leads and lifts:-	8.00	No			Each
22	Providing and fixing .PVC. connection pipe with brass union including carriage of materials within all leads and lifts :-300/450mm length :-15mm nominal bore.	9.00	No.			Each
23	Providing and fixing 35 mm 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.	3.19	Sqm.			Per square metre.

24	Providing and fixing wire gauge shutters using galvanised M.S. wire guage of IS. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey wondows including bright finished black namelled iron hinges with necessary screws etc. complete including carrage of material within all leads and lifts. 30 mm thick in 2nd class deodar wood.	3.76	Sqm.				Per square metre.	

CONDITION

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

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


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

19

SCHEDULE OF QUANTITY

Estimated cost:- 108679.00

Earnest Money:- 2584.00

Time :- One Month.

Name of work:- -A/R and M/o to Non- Residential buildings under division no. III Shimla. (SH:- Repair of kitchen, room floor and wall repair in set no 1 at Kriston Hall at Benmore Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
1	2	3	4	5	6	
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	1.88 Cum			Per cubic metre	
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	2.48 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. 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size)	1.83 Cum			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level. 1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.31 Cum			Per cubic metre	
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:6 (1 cement : 6 coarse sand)	5.68 Cum			Per cubic metre	
6	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). 2nd class deodar wood	0.097 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. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood wood 35 mm thick shutters.	3.18 Sqm.			Per square metre.	
8	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. 250x16 mm.	1.00 No			Each	
9	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :125 mm	2.00 No			Each	

10	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. 250x10 mm	2.00	No.			Each	
11	200x10mm	6.00	No.			Each	
12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete.size 600x600mm.	4.00	No.			Each	
13	15mm cement plaster in single coat on the rough side of brick/concrete/stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and smooth in Cement mortar 1:6 (1 cement : 6 sand) including carriage of materials within all leads and lifts.	75.81	Sqm.			Per square metre.	
14	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	75.81	Sqm.			Per square meter	
15	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	75.81	Sqm.			Per square metre.	
	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade in ceiling and slopy roof : Old work (one or more coats) over and including water thinnable priming coat with cement primer. One or more coat on old work.	99.58	Sqm.			Per square metre.	
	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied	54.72	Sqm.			Per square	
						TOTAL	

CONDITION

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

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

[Signature]

20

SCHEDULE OF QUANTITY

Estimated cost:- 214765.00

Earnest Money:- 4300.00

Time :- One Month.

Name of work:- S/R to various residential buildings under division no III Shimla.(SH:- Repair of room No.1,2, kitchen and bath tile in Old block No.II Set No.2 and 3 at Benmore Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit.	Amount.
			In Figures.	In Words		
		3	4	5	6	
1	2	3.020 Cum			Per cubic metre	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix). including carriage of material in all leads and lifts	3.02 Cum			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	23.34 Cum.			Per square meter	
3	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	2.33 Sqm.			Per square meter	
4	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	5.45 Sqm.			Per square meter	
5	Providing and fixing 19 mm thick commercial board water proof in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts)	2.33 Sqm.			Per square meter	
6	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	11.64 Rmtr			Per running meter	
7	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.	0.161 Cum			Per cubic metre	
8	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc.complete. including carriage of materials within all leads and lifts:- 2nd class d/dar wood./Sal wood					

9	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm.including carriage of material in all leads and lifts.	39.66	Sqmtr			Per square meter
10	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	70.63	Sqmtr			Per square meter
11	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 :100mm. .complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	5.00	No			Each
12	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.	5.00	No			Each
13	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/ Zebra black marble..	2.67	Sqm.			Per square meter
14	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping , or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	28.66	Sqm.			Per square meter
15	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.	65.23	Sqm.			Per square meter
16	Distemping(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade,on decorated wall surfaces to give an even shade,after thoroughly brushing the surface clean of all grease,dirt,loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts..	71.64	Sqm.			Per square meter

17	Painting wood work with Deluxe Multi Surface Paint to give an even shade. one or more coat including carriage of material in all leads and lifts.	22.45	Sqm.			Per square meter	
18	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. W.C. pan with ISI marked white solid plastic seat and lid. Make Cera or Hindware.	1.00	No			Each	
19	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore. including carriage of materials within all leads and lifts. Make Seiko or equivalents.	3.00	No			Each	
20	Providing and fixing C.P. brass angle/stop valve for basin mixer and geyser points of approved quality conforming to IS:8931 15 mm nominal bore. including carriage of materials within all leads and lifts. Make Seiko or equivalents.	3.00	No			Each	
21	Providing and Fixing 8 mm dia C.P. Brass/ S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate for European type W.C. including carriage of materials within all leads and lifts	1.00	No.			Each	
22	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	4.00	No.			Each	
23	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :610x460 mm bowl depth 200mm.including carriage of material in all leads and lifts.	1.00	No.			Each	
24	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia including carriage of material in all leads and lifts.	1.00	No.			Each	
25	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 30cm length. including carriage of material in all leads and lifts.	6.00	No.			Each	
26	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. Plain bend.including carriage of material in all leads and lifts.	3.00	No.			Each	
27	Providing and fixing 15 mm dia nominal bore G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall. including carriage of material in all leads and lifts.	4.95	Rmtr			Per running meter	

28	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 mm initial lead, for all leads including all lifts involved.	3.02	Cum			Per cubic metre	
						TOTAL	

CONDITION

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

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

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

(21)

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 219247.00
 Earnest Money Rs. :- 4400.00
 Time:- One Month.

Name of work:- A/R & M/O Various Non residential Building at Vidhan Sabha Shimla. (SH: - Painting and Distempering work in Admin Block, Council Building, Hon'ble Speaker office, Flower pots and Road Side drain etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	2671.32 Sqm			Per square metre	
2	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).	473.10 Sqm			Per square metre	
3	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	400.68 Sqm.			Per square metre.	
4	Providing and applying white cement based putty of average thickness 1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	400.68 Sqm			Per square metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old wood work including carriage of materials within all leads and lifts.	385.03 Sqm			Per square metre	
6	Polishing two or more coats on new work with french polish on previously polished wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of material in all leads and lifts.	64.85 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,
 HP. PWD Shimla-3.

SCHEDULE OF QUANTITY

Name of work: - Special Repair to Principal office at IGMC Shimla. (SH: - Construction of Toilet for Ladies & Gents in Back side of Principal office in first floor.)

Estimated Cost - Rs.498921/- only
Earnest Money : Rs.10000/-Only
Time - One Month

S.No.	Sub head and Items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3				6	7
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (l/c equivalent design mix) including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	57.00	Cum			Per cubic metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within carriage of material in all leads and lifts:- All kinds of soil.	9.56	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 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete within carriage of material in all leads and lifts.	2.20	Cum			Per cubic metre	
4	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform complete within carriage of material in all leads and lifts.	7.45	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 : complete within carriage of material in all leads and lifts:- 1:1½:3 (1 Cement: 1½ coarse sand) : 3graded stone aggregate 20mm nominal size)	0.89	Cum			Per cubic metre	
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge:- Cement mortar 1:4 (1 cement :4 coarse sand.)	33.95	Sqm			Per square metre	
7	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) complete including carriage of materials within all leads and lifts:- Second class deodar wood.	0.155	Cum			Per cubic metre	

8	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25mm to 40mm thick complete including carriage of materials within all leads and lifts.:- (i) Second class deodar wood.	4.05	Sqm			Per square metre	
9	Providing and fixing 250mm x16mm size 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 as per architectural drawings and directions of Engineer- in-charge including carriage of materials within all leads and lifts.	2.00	No.			Each	
10	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 including carriage of materials within all leads and lifts.250x10mmsize	4.00	No.			Each	
11	200mm x10mm size.	2.00	No.			Each	
12	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:- 125mm size.	4.00	No.			Each	
13	75mm size.	2.00	No.			Each	
14	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 .	5.98	Sqm			Per Square metre	
15	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.	41.67	Sqm			Per Square metre	

16	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5mm x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete within carriage of material in all leads and lifts.	19.70	Sqm			Per square metre	
17	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete Ridges plain (500 - 600mm) complete within carriage of material in all leads and lifts.	3.94	Sqm			Per square metre	
18	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.	14.92	Sqm			Per square metre	
19	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.	1563.68	Kgs			Per Kilogram me	
20	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts.: Two or more coats on new wood work.	11.36	Sqm			Per square metre.	
21	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 complete including carriage of materials within all leads and lifts.	11.36	Sqm			Per square metre	
22	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts.: Two or more coats on new steel work.	93.81	Sqm			Per square metre.	
23	15mm Cement plaster in single coat on the rough side of brick/ concrete/ stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth in Cement Mortar 1:6 (1Cement:6 Sand) including carriage of materials within all leads and lifts.	45.49	Sqm			Per square metre	

24	15mm cement plaster in single coat on fair side of brick/ concrete/ stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and smooth including carriage of materials within all leads and lifts :-Cement mortar 1:6 (1 cement : 6 sand)	21.60	Sqm			Per square metre	
25	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.	21.60	Sqm			Per square metre	
26	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts:- Two or more coats on new work.	21.60	Sqm			Per square metre.	
27	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	2.00	No.			Each	
28	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge	2.00	No			Each	
29	Providing and fixing toilet paper holder : C.P. brass complete including carriage of materials within all leads and lifts.	2.00	No.			Each	
30	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps complete including carriage of materials within all leads and lifts.	2.00	No.			Each	
31	Providing and fixing chromium plated soap dish 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.	2.00	No.			Each	
32	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.	4.00	No.			Each	
33	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	4.00	No			Each	
34	Providing and fixing C.P. waste coupling for wash basin or sink including carriage of materials within all leads and lifts.	4.00	No.			Each	
35	Providing and fixing 32 mm dia P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings completeincluding carriage of materials within all leads and lifts.	4.00	No			Each	

36	Providing and fixing 15mm nominal bore C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 complete including carriage of materials within all leads and lifts.	4.00	No.			Each	
37	Providing and fixing 15mm nominal bore C.P. brass bib cock of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts.	3.00	No.			Each	
38	Providing and fixing C.P. single hole basin mixer of approved quality including carriage of materials within all leads and lifts.	2.00	No.			Each	
39	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts.	2.00	No.			Each	
40	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 45cm length.	4.00	No.			Each	
41	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall 15 mm dia nominal bore	18.40	Rmt			Per running metre	
42	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) complete within carriage of material in all leads and lifts and as directed by the Engineer in Charge:-(i) 15mm nominal bore.	1.00	No.			Each	
43	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i)15 mm nominal bore.	8.00	No.			Each	
44	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, (i) Single socketed pipes :- 110 mm diameter	12.60	Rmt			Per Running metre	
45	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.	7.00	No.			Each	
46	Providing and fixing 110mm dia 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.	1.00	No.			Each	
47	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	3.00	No.			Each	
48	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.	7.00	No			Each	
49	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 90mm size.	2.00	No			Each	

50	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, complete within carriage of material in all leads and lifts.	10.13	Cum			Per cubic metre	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

Name of work: - Special Repair to Directorate of Urban Development (Palika Bhawan) Taland Shimla-2 (SH:- Construction of Chamber , PVC. Pipe , Plinth Prptection right side of Building etc.)

Estimated Cost: -Rs.214427/- only

Earnest Money : Rs. 4300/-Only

Time - One Month

S No.	Sub head and Items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6 7	
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)including carriage of materials within all leads and lifts.	6.48	Cum	Per Cubic Metre	
2	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.(i) Ordinary Rock	11.58	Cum	Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 coarse sand): 10graded stone aggregate 40mm nominal size) within carriage of material in all leads and lifts:- All kinds of soil.	6.12	Cum	Per Cubic Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	3.90	Cum.	Per Cubic Metre	
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :(i) Cement mortar 1:6 (1 cement : 6 coarse sand)	0.78	Cum.	Per Cubic Metre	
6	Constructing masonry Chamber 90x90x100 cm 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 180 mm deep (inside) with chained lid and RCC top 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 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :(i) With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	7.00	No.	Each	
7.	Providing and fixing 110 mm dia pipes on wall face PVC Finolex type-B spigot,socket, waste and ventilating pipes of working pressure not less than 4.5 kg/sqm including coller and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts	62.30	Rmt.	Per Running Metre	
8	Providing and fixing 110 mm dia PVC Finolex plain bend ISI marked complete including filling the joints with approved adhesive complete including carriage of materials within all leads and lifts.	5.00	No.	Each	
9	Providing and fixing 110 mm dia PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	4.00	No.	Each	
10	Providing and fixing 110 mm dia PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete.including carriage of materials within all leads and lifts.	20.00	No.	Each	

23

11	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work:-15mm dia nominal bore complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	36.60	Rmt.			Per Running Metre	
12	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts. :- 15mm nominal bore	4.00	No.			Each	
13	Disposal of excavated earth by Mechanical means 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 .	16.51	Cum			Per Cubic Metre	
Conditions:-						Total	

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

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

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

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

(24)

SCHEDULE OF QUANTITY

Name of work: - Furnishing of Urban Development office at Palika Bhawan Talland Shimla (SH-Supplying and Placing Double Bed Box, Mattresses Quilt, Pillow with Cover)

Estimated Cost: -Rs.181994/- only

Earnest Money : Rs 6600/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6	7
1	Providing and Supplying at Site Mattresses of 6" Thickness of approved Quality by Engineer -in -Charge Complete including Carriage of Materials with in all leads and lifts.	6.00	No.	Each	
2	Providing and Supplying at Site Sleepwell Pillow with cover of approved Quality by Engineer -in -Charge Complete including Carriage of Materials with in all leads and lifts.	6.00	No.	Each	
3	Providing and Supplying at Site Sleepwell Quilts with cover of approved Quality by Engineer -in -Charge Complete including Carriage of Materials with in all leads and lifts.	6.00	No.	Each	
4	Providing and Supplying at Site Sleepwell Blankets with cover of approved Quality by Engineer -in -Charge Complete including Carriage of Materials with in all leads and lifts.	6.00	No.	Each	
5	Providing and Placing Double Bed Box With Fancy Back of Size 6'x6' made with 19mm Commercial Board With Teak Finished and Teak wood with Carving Complete in all respect as per Direction by the Engineer-in- Charge. Including carriage of Materials	2.00	No.	Each	
	Conditions:-			Total	

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

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

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

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

SCHEDULE OF QUANTITY

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

Estimated Cost: -Rs. 344723/- only
Earnest Money : Rs.6900/-only
Time - One Month

S.No.	Sub head and Items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure	In words	6
1	Providing and Fixing Carpet Design (Welton Super) 12mm Pile hight in diffrent Shade and Colour/ Designed with regular with solution complete including carriage of materials within all leads and lifts.	26.54	Sqm	Per Square Metre	7
2	Providing and Fixing Carpet 1700 Gms. Quality Acrylic 8mm Pile height in different Colours/ Designed with fixing with Solution complete including carriage of materials within all leads and lifts.	46.54	Sqm	Per Square Metre	
3	Providing and Fixing Zebra Blinds in different Shades and Designed complete including carriage of materials within all leads and lifts.	4.14	Sqm	Per Square Metre	
4	Providing and Fixing Curtain 2.90 Metre with Stiching Sewing complete including carriage of materials within all leads and lifts.	17.00	No.	Each	
5	Providing and Fixing Tissu Curtain of High Quality in different Design sewing and catechres complete including carriage of materials within all leads and lifts.	15.00	No.	Each	
6	Providing and Fixing Bath Mats for Bath Area/ out side of Bath Room including carriage of materials within all leads and lifts.	3.06	Sqm	Per Square Metre	
7	Providing and Fixing foot mats 3'-6" and 1'-6" of high Quality including carriage of materials within all leads and lifts.	12.00	No.	Each	
8	Providing and Fixing Curtain Catchers (Magnetic) complete including carriage of materials within all leads and lifts.	23.00	No.	Each	
	Conditions:-			Total	

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

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

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

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

(26)

SCHEDULE OF QUANTITY

Name of work: - A/R & M/O to Various Road under Sub Division No.V HP.PWD. Shimla-2 (SH:- Providing and Laying hot applied Thermo Plastic line along the Road Navbahar to Ritiz 0.00 to 1/200 and Cart Road to Mahamaya Cottage 0/00 to 1/270)

Estimated Cost: -Rs.222300/- only

Earnest Money : Rs.4500/-Only

Time - One Month

S.No.	Sub head and Items of work	Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including refectorising glass beads @ 250 Gms. Per sqm. . Area thickness 2.5 mm is exclusive of surface applied glass beads as per IRC 35. The finished surface to be level , uniform and free streaks and holes as per MORD specification including carriage of all Labour equipment and Matrial to various location through all modes of transporation in all leads and lifts and all incidental charges.	494.00	SQm			Per Square Metre	
	Conditions:-					Total	

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

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

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

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

SCHEDULE OF QUANTITY

27

Name of work: - Special Repair to Various Residential Building in Shimla Division No.III (SH:- Construction of Steel stair/ Path for Block-B Type-II Qtrs Set No. 9 to 16 Ground Floor to Third Floor at Barnes Court Shimla-2)

Estimated Cost: -Rs.317657/- only

Earnest Money : Rs 6400/-Only

Time - One Month

S.No.	Sub head and items of work	Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.(i) Ordinary Rock	1.30	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.30	Cum			Per Cubic Metre	
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.(i) In Cement Mortar	0.22	Cum			Per Cubic Metre	
4	Providing and fixing 7mm thick chequered steel plates including cutting , welding complete in flooring over steel frame work (frame work to be paid separately) including all carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Priming coat of red lead paint.	1165.17	Kg.			Per Kilogram me	
5	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required (i).In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1471.54	Kg.			Per Kilogram me	
6	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.(i) MS Tube	184.66	Kg.			Per Kilogram me	
7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	84.77	Cum			Per Cubic Metre	
8	Disposal of moorum/ buil;ding rubbish/ malba. Similar unserviceable , dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. For lalleafts, complete as per dierection of Engineer- in Charge.Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrng motor vehicle of 3.5 cum. or More.	1.52	Cum			Per Cubic Metre	
	Conditions:-					Total	

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

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

SCHEDULE OF QUANTITY

28

Estimated Cost Rs. :- 120567.00
 Earnest Money Rs. :- 2450.00
 Time:- One Month.

Name of work:- A/R & M/O various residential/ Non Residential building at Vidhan Sabha Shimla. (SH: - Supplying of materials at site for annual repair and maintenance work for various residential/ Non Residential building at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Supplying/ providing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	7.00 No.			Each	
2	Supplying/ providing C.P. brass ball cock with float 15mm (fifteen millimetre) nominal bore of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.			Each	
3	Supplying/ providing of 15mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
4	Supplying/ providing of 15mm dia G.I. union medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	18.00 No.			Each	
5	Supplying/ providing of 15mm dia gate valve with PVC coated lever complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.			Each	
6	Supplying/ providing of PVC connection pipe 15mm X 600mm of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
7	Supplying/ providing of 15mm dia 75mm length G.I. nipple of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
8	Supplying/ providing of 15mm dia G.I. tank nipple of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
9	Supplying/ providing Phynyal Bottle 750ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	35.00 No.			Each	
10	Supplying/ providing toilet acid Bottle 750ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
11	Supplying/ providing Bim powder 500 grame packing of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	14.00 No.			Each	

12	Supplying/ providing floor duster of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	40.00 No.			Each	
13	Supplying/ providing table duster of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	50.00 No.			Each	
14	Supplying/ providing bamboo broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
15	Supplying/ providing Narial broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
16	Supplying/ providing soft broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each	
17	Supplying/ providing 600mm x 120mm acrylic glass shelf with C.P. brass bracket and guard rail complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
18	Supplying/ providing PVC sheet cover Hollow complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
19	Supplying/ providing leak stop complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 Kgs			Per Kilogramme	
20	Supplying/ providing of 100mm Nail 8No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
21	Supplying/ providing aluminium handle 100mm size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.			Each	
22	Supplying/ providing aluminium tower bolt 150mm size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
23	Supplying/ providing of 4mm thick plain glass of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	215.00 Sft			per square feet	
24	Supplying/ providing of puteen glazing of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 Kgs			Per kilogramme	
25	Supplying/ providing of Silicon tube of 100ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
26	Supplying/ providing of 10.00 liters capacity PVC low level flushing system of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	9.00 No.			Each	

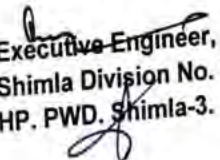
27	Supplying/ providing of Hydraulic door closer of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	9.00 No.			Each	
28	Supplying/ providing rubber foot matt of good/ approved quality and shade and size complete at store of vidhan Sabha section including carriage of materials within all leads and lifts.	12.00 Sft.			Per square feet	
29	Supplying/ providing of harpic of 500ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	20.00 No.			Each	
30	Supplying/ providing of dustbin with pedestal of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
31	Supplying/ providing of wiper with handle of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
32	Supplying/ providing of CP grating 100mm dia with frame of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.			Each	
33	Supplying/ providing of PVC ball cock for PVC cistern of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
34	Supplying/ providing of CP jet with PVC pipe complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.			Each	
35	Supplying/ providing of white solid plastic seat with Lid of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
36	Supplying/ providing of 15mm dia gun metal full way wheel valve complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.			Each	
37	Supplying/ providing drill biff for RCC 6mm size complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
38	Supplying/ providing low level kit double syphon complete of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.			Each	
39	Supplying/ providing of G.I. pipe medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts:- 15mm dia.	9.00 Rmt			Per running metre	
40	Supplying/ providing of 15mm dia G.I. Elbow medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	15.00 No.			Each	

41	Supplying/ providing of 32mm dia CP waste pipe of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.			Each	
42	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 No.			Each	
43	Supplying/ providing of white cement of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	3.00 Kgs			Per kilogramme	
44	Supplying/ providing of 75mm Nail 14No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
45	Supplying/ providing of G.I. Limpet washer of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Kgs			Per kilogramme	
46	Supplying/ providing of handle with rod for PVC cistern of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
47	Supplying/ providing of 40mm Nail 14No. size of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 Kgs			Per kilogramme	
48	Supplying/ providing of spindle for cock with washer 15mm dia of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	4.00 No.			Each	
49	Supplying/ providing of 20mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
50	Supplying/ providing of 25mm X 20mm dia G.I. socket medium duty of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	5.00 No.			Each	
51	Supplying/ providing of 150mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.			Each	
52	Supplying/ providing of 150mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.			Each	
53	Supplying/ providing of 110mm dia PVC finolex pipe with collar of 10.00feet length of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each	
54	Supplying/ providing of 110mm dia PVC plain bend of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	1.00 No.			Each	

55	Supplying/ providing of glass cleaner spray of 200ml of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 No.			Each
56	Supplying/ providing full broom of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	10.00 No.			Each
57	Supplying/ providing M.S Powder coated curtain rod 25mm dia of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	2.00 Rmt.			Per running metre
58	Supplying/ providing of 5.50mm thick plain glass of approved brand at store of vidhan Sabha section including carriage of materials within all leads and lifts.	80.00 Sft			per square feet
					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

29

Estimated Cost Rs. :- 396735.00
Earnest Money Rs. :- 7950.00
Time:- One Month.

Name of work:- Special repair to Residential building under Shimla Division No. III. (SH:- Providing and laying preprinted sheets, Chhajja and both side of out house of Curzon house building at Chaura Maidan Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in grillings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	1835.34 Kgs			Per Kilogramme	
2	Providing and fixing precalced galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.60mm (+ 0.05%) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling self tapping screws of size (5.5mm x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required complete including carriage of materials within all leads and lifts.	84.00 Sqm			Per square metre	
3	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.	1188.83 Sqm			Per square metre	
4	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 @ 0.90lit/10 sqm).	416.17 Sqm			Per square metre	
5	Removing dry or oil bound distemper water proofing cement paint and the like by scraping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	166.46 Sqm.			Per square metre.	
6	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	166.46 Sqm			Per square metre	
7	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old steel work including carriage of materials within all leads and lifts.	69.78 Sqm			Per square metre	
8	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old wood work including carriage of materials within all leads and lifts.	172.36 Sqm			Per square metre	
Conditions:-					Total	

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

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

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

Estimated Cost Rs. :- 213983.00
 Earnest Money Rs. :- 4300.00
 Time:- One Month.

Name of work:- ~~Providing and laying~~ of Council Chamber Building at Vidhan Sabha Shimla. (SH:- Providing and laying wooven Carpet in Stage & near entrance door etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figuers	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 adhasive 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.	49.01 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.	5.86 Sqm			Per square metre	
3	Providing and fixing at site bajaj lean heavy stuffed carpet 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.	83.01 Sqm			Per square metre	
4	Providing and fixing Dura wipe Red colour foot matt of good/ approved quality and shade and size complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts.	12.00 Sqm			Per square feet	
5	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.	16.00 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. :- 436464.00
Earnest Money Rs. :- 8750.00
Time:- One Month.

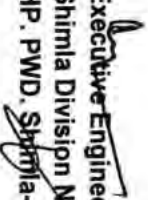
Name of work:- Special repair to State Museum building at Chaura Maidan Shimla-4 (SH:- Construction of Breast wall on the road leading to Parking at RD's 0/038 to 0/045.)

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, 1.5m 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.	202.41 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.	13.86 Cum.			Per cubic metre.	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	2.52 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 20mm nominal size.) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	38.74 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.	20.30 Sqm.			Per Square metre	

6	Providing weep holes in brick masonry/stone masonry/plain concrete/ reinforced concrete, abutment, wing walls with 100mm dia PVC pipe extending through the full length with of the structure with the slope of 1 (V) : 20 (H) towards drawing face complete as per drawing and technical specifications complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge.	12.90 Rmt.				Per Running metre	
7	Disposal of moorum/ building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10km for 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.	216.30 Cum				Per Cubic metre	
Conditions:-							Total

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

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


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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Residential Building under Shimla Division No.III(SH:-C/O Retaining Wall at RD. 0/216 to 0/226 in Road From Cart Road to Mahamaya cottage for Protection of Residential Building at Barnes Court Shimla)

Estimated Cost:-Rs.278308/- only
Earnest Money : Rs. 5800/-only
Time - One Month

S.No	Sub head and items of work	Qty.	Rate	Unit	Amount
1	2	3	In figure In words	6 7	
1	Earth work in excavation by mechanical means(Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All kinds of soil	23.40	cum.	Per Cubic Metre	
2	Banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto all lead and lift(i) All kind of Soil	30.60	Cum	Per Cubic Metre	
3	Centering and shuttering including strutting, propping etc. and removal of form work for : (i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	52.00	Sqm.	Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	5.40	Cum.	Per Cubic Metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of materials within all leads and lifts.	54.32	Cum	Per Cubic Metre	
6	Backfilling behind abutment,wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (a) Granular material.	15.60	Cum	Per Cubic Metre	
7	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred)millimetredia PVC pipe extending through the full with of the structures with slope of 1(v):20 (H) towards drawing face complete as per drawings and technical specifications MORD clause 614,,709,1204.3.7 including hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	16.00	Rmt	Per running meter	
	Conditions:-				
	Rates should be quoted for all heights including all leads and lifts for internal and external works.				
	Useful materials will be handed over to the Assistant Engineer, Sub Division No.V, HPPWD, Raj Bhawan Shimla-2 otherwise credit for useful materials will be charged.				
	Sample of all Materials to be used on work Shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.				
	Total				

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