

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2023-24- 3396-3426 Dated:- 29-5-23

To

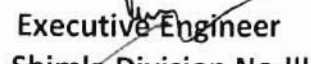
The Executive Engineer(IT Cell)

Nigam Vihar, Shimla-2.

Subject:- **Tender Notice**

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

Encl:- as above


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

Sealed percentage 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 15-06-2023 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 5.00 P.M. on 14-06-2023 and the application for issue of tender form shall be received up to 1.00 P.M. on 14-06-2023.

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	Repair/Renovation to various Residential Building under Division No.III Shimla.(Sub Head:-Painting work in inner side of Council chamber building at Vidhan Sabha shimla.)	Rs.458391.00	Rs.9168.00	One Month	6&8	350/-
2	Repair /Renovation to various Residential Building under Division NO.III Shimla.(Sub Head:-Painting work in inner side of Vithal Bhai Bhawan ,old Admin block and library stair case portion building at Vidhan Sabha Shimla.)	Rs.368487.00	Rs.7370.00	One Month	6&8	350/-
3	S/R to H.P State Museum at Chaura Maidan Shimla.(SH:- Providing and Laying stone around path /flower bed,Chequerred tile etc path leading to staff qtrs and generator room.)	Rs.355108.00	Rs.7110.00	One Month	6&8	350/-
4	Special repair to H.P State Museum Building at Chaura Maidan Shimla -4.(SH:- Providing and Fixing slate cladding ,granite flooring interlocking pavers near reception and fountain area at Museum)	Rs.435178.00	Rs.8703.00	One Month	6&8	350/-
5	A/R & M/O to Residential Building under Shimla Division NO III(SH:-C/O Cupboard, Painting and Distempering etc. at set no 7 & type-III qtrs. Block -A and type -IV set NO .5 Barnes Court set no.9 Top floor Block -B transit Accommodation at Jakhoo Shimla.)	Rs.146021.00	Rs.2930.00	One Month	6&8	350/-
6	A/R & M/O to Residential Building under Shimla Division NO III(SH:-Providing and fixing wood frames work under floor and 12mm shuttering ply in floor of ground floor 9mm ply in ceiling etc at Minister House No .4 and forest lodge of Ram Chandra Chowk Shimla -2.)	Rs198142.00	Rs.3970.00	One Month	6&8	350/-
7	Repair/Renovation to various Residential Building under Division No.III Shimla.(Sub Head:-Re-stuffing of furniture items in set	Rs.403884.00	Rs.8078.00	One Month	6&8	350/-

	no.201,103,305,312,206,112,409,106,in New MLA Hostel at Vidhan Sabha Shimla.)					
8	Repair/Renovation to various Residential Building under Division NO.III Shimla.(Sub Head:- Re-stuffing of furniture items in set no.203,204,304,411,202, 30,9.09, 211,410 in MLA Hostel at Vidhan Sabha Shimla.)	Rs.473343.00	Rs.9467.00	One Month	6&8	350/-
9	Repair/Renovation to various Residential Building under Division NO.III Shimla.(Sub Head :- Repair of door shutters ,repair of jafri, polycarbonate sheet at Oak Over Shimla.)	Rs.430333.00	Rs.8607.00	One Month	6&8	350/-
10	Repair/Renovation to various Residential Building under Division NO.III Shimla.(SH:- Painting and distempering, repair of door window, repair of flooring and verandah, repair of other miscellaneous repair work in set no's.13 type VI, set no 6,7 type IV Block-B, set no 16 type -V & block-B type II at Richmond Shimla.)	Rs.371586.00	Rs.7432.00	One Month	6&8	350/-
11	A/R and M/O to Ellerslie Main Building and Armsdale Building at HP Secretariat Shimla-2.(SH:-Minor W.S & S.I Repair of Room NO.E-121.G-16,E-114 etc.)	Rs.171181.00	Rs.3430.00	One Month	6&8	350/-
12	Construction of roof of Toilet block of ART Center at IGMCM Shimla (SH:- Prepainted steel sheets,sheel work, MS. BP. Sheets and Painting etc.)	Rs.499454.00	Rs.9990.00	One Month	6&8	350/-
13	Special repair to various Non Residential building under Shimla Division No.III (SH:-Repair of cracks of walls in outer portion of main building with Epoxy Grout &PU foam etc) at winterfield Shimla.	Rs.399168.00	Rs.7990.00	One Month	6&8	350/-
14	Special repair to Various Non residential building under Shimla Division No .III (SH:-Repair of cracks of walls in room of E.E. Division No .I &III, general toilets, Accounts branch & stair hall with Epoxy Grout & PU foam of main Building)at winter field Shimla.	Rs.389952.00	7Rs.800.00	One Month	6&8	350/-
15	A/R &M/O to Various residential building under Shimla Division NO.III (SH:-Repair of Cup Board, PVC flooring, Painting and distempering in Block No.9 set NO .9-B Mudkanda House Ground floor at Barnes Court Shimla-2)	Rs.209412.00	Rs.4190.00	One Month	6&8	350/-
16	A/R &M/O to Nirman Bhawan under Shimla Division No III(SH:-Painting and distempering in stair hall and Entrance Lobby in front of Block A and Block B at Engineer -in-Chief office building of Nirman Bhawan at Nigam Vihar Shimla.)	Rs.188935.00	Rs.3780.00	One Month	6&8	350/-
17	A/R &M/O to various residential & Non Residential building under Shimla Division No.III (SH:-Hiring of Labour for cleaning of Blocked manholes, sewer line ,clearing of muck, Debris &Cleaning of rain gutters, Drain etc.in Nirman Bhawan Section at Nigam Vihar	Rs.148296.00	Rs.2970.00	One Month	6&8	350/-

	Shimla-2)					
18	A/R &M/O to various Non Residential building under Shimla Division NO.III(SH:- Cleaning of Doors, Windows, Sweeping, Mopping and Cleaning of Whole Nirman Bhawan Compound and toilets etc & Hiring of Technical staff along with Labour for Day to Day maintenance in Nirman Bhawan Building at Nigam vihar Shimla.)	Rs.462257.00	Rs.9250.00	One Month	6&8	350/-
19	Construction of cup Board at various locations and PWD Store behind PWD enquiry G.F. Block-c at IGMC Shimla.(SH:-Demolition work, Cement concrete work and wooden work etc.in PWD store, CB and PVC Flooring in room no.232,CB in Psychetary ward Block E,CB in Female Medicine unit 1,ICU and CB in room of HOD Medicine department etc.)	Rs.499478.00	Rs.9990.00	One Month	6&8	350/-
20	Construction of covered passage and dead body pedestal in open space behind causality Block -A at IGMC Shimla (SH:-Steel work, Roofing, Granite work & Kota Stone flooring etc.	Rs.487803.00	Rs.9760.00	One Month	6&8	350/-
21	Construction of Microbiology Lab. In Second Floor of Block-A IGMC Shimla.(SH:-Aluminum work, Sunmica etc and other Balance work.)	Rs.271035.00	Rs.5430.00	One Month	6&8	350/-
22	S/R to Block C and B at IGMC Shimla (SH:-Renovation of toilet in operation theater Block C, fixtures of toilet surgery ward 1&2 block C and fixtures of toilet at 2 nd floor block B.	Rs.499825.00	Rs.10000.00	One Month	6&8	350/-
23	Repair/Renovation to various Residential Building under Division No .III Shimla. (Sub Head:-Repair of door shutters, cupboard, repair of tile and sanitary fittings etc in set no 603 MLA Hostel at New Metropole Shimla.)	Rs.470779.00	Rs.9416.00	One Month	6&8	350/-
24	Repair/Renovation to various Residential Building under Division No.III Shimla.(Sub Head:- Repair of cupboards in kitchen(Modular) and rooms in set no 306 &201 in block-D and block A in New MLA Hostel at Vidhan Sabha Shimla.)	Rs.367806.00	Rs.7356.00	One Month	6&8	350/-
25	S/R to H.P State Museum building at Chaura Maidan Shimla-4(SH:- Providing and Fixing HDF Flooring in Indian gallery, Hall of Frame etc)	Rs.321572.00	Rs.6431.00	One Month	6&8	350/-
26	S/R to H.P State Museum at Chaura Maidan Shimla.(SH:-Painting and Distempering outside)	Rs.263906.00	Rs.5280.00	One Month	6&8	350/-
27	A/R & M/O to Medical Collage at IGMC. Shimla (SH:- Dismantling Wall/Tiles/door, steel work, Plaster etc.at Forensic Department.)	Rs.449782.00	Rs.9000.00	One Month	6&8	350/-
28	Special repair to residential building Block-A Type-III at Holly oak Sanjauli Shimla.(SH:-Dismantling CGI Sheet roofing, Providing and Fixing Preprinted CGI. Sheets roofing, MS.BP. Sheet in ceiling and eaves Board etc. Complete)	Rs.499889.00	Rs.10000.00	One Month	6&8	350/-

29	A/R & M/O to Cancer Hospital at IGMC, Shimla (SH:- C/O Retaining wall Behind the old Existing Building of Cancer Hospital at RD 0/00 to 0/12.50)	Rs. 447220.00	Rs. 8350.00	One Month	68.8	350/-
30	Construction of two no's toilet near police room at main Entry (GMC Shimla (SH:- Demolition, Tile work, WS and SI fittings etc.)	Rs. 112743.00	Rs. 4269.00	One Month	68.8	350/-
31	Repair/Renovation to various Residential Building under Division No. III Shimla (SH:- Repair of Kitchen in set no. 102 and 207 in block B&D in New MLA Hostel in Vidhan Sabha Shimla.	Rs. 461053.00	Rs. 9221.00	One Month	68.8	350/-
32	A/R & M/O to various residential Building and Non residential Building under Division No-III HP, PWD, Shimla-2 (SH:- Supplying of various item for day to day repair & maintenance at V/Sabha Sub-Division Shimla.)	Rs. 447150.00	Rs. 8943.00	One Month	68.8	350/-
33	Special Repair to cancer Hospital at IGMC Shimla (SH:- Repair of toilets in Second Floor at Cancer Hospital)	Rs. 499893.00	Rs. 10000.00	One Month	68.8	350/-
34	Repair/Renovation to various Residential Building under Division No. III Shimla (SH:- Painting walls with emulsion on inner walls of new Admin Block at Vidhan Sabha at Shimla	Rs. 464033.00	Rs. 9281.00	One Month	68.8	350/-
35	Repair/Renovation to various Residential Building under Division No III Shimla (SH:- Repair of door shutters in set no 404, 403, 502, 603, 203, 304, 104(B)&704 etc in Hon'ble MLA's Residence Metropole Shimla.)	Rs. 353443.00	Rs. 7069.00	One Month	68.8	350/-
36	Repair/Renovation to various residential buildings under division no III Shimla (SH:- Repair of flooring, Bathroom tiles, fixtures, Kitchen, granite & CB, white washing etc in Block No III set No 27(T-IV) at U.S. Club Shimla	Rs. 192305.00	Rs. 3846.00	One Month	68.8	350/-
37	A/R & M/O various residential building under division no III Shimla (SH:- Repair of Garage for residential accommodation C-5 Type-V at Bemloe Shimla.	Rs. 205990.00	Rs. 4120.00	One Month	68.8	350/-
38	Special Repair to Govt. Dental College at GMC, Shimla (SH:- Renovation of Toilet in 3 rd floor Block-A)	Rs. 350200.00	Rs. 7010.00	One Month	68.8	350/-
39	Special repair to Govt. Dental college at IGMC Shimla (SH:- Renovation of toilet in 2 nd floor Block -A)	Rs. 350200.00	Rs. 7010.00	One Month	68.8	350/-
40	S/R to various building at IGMC Shimla (SH:- P/F PVC Delineators, retro-reflective marking strips, sign boards and stickers etc.)	Rs. 340256.00	Rs. 6810.00	One Month	68.8	350/-
41	A/R & M/O to Various Residential building under Shimla division no III (SH:- Painting and Distemper of Set No. 6, Type-VI at Richmond Shimla.)	Rs. 132755.00	Rs. 2655.00	One Month	68.8	350/-
42	A/R and M/O various residential building under division no III Shimla (SH:- Providing staff for residential or non residential building under Bemore sub division.)	Rs. 148296.00	Rs. 2966.00	One Month	68.8	350/-

43	A/R & M/O various residential & non residential buildings under division no III Shimla (SH:- Removal of slips/debris and disposal the same from various places of winter field surrounding the office campus and residential area and other misc. maintenance work of water supply & sewerage system)	Rs. 49962.00	Rs. 59992.00	One Month	688	350/-
44	Repair/Renovation to various residential building under Division No. III Shimla (SH:- Painting and distemping work in stair case of all block in New MLA Hostel at Vidhan Sabha Shimla)	Rs. 224111.00	Rs. 4482.00	One Month	688	350/-
45	A/R and M/O various residential and non residential building under division no III Shimla (SH:- Providing & Supplying various day to day maintenance required on urgent basis for various section under sub division no IX H.P. Sectt Shimla-2)	Rs. 199299.00	Rs. 3990	One Month	688	350/-
46	A/R & M/O to residential building under Shimla division No. III (SH:- Repair/ Providing Misc. Item in M.H. No. 5 at Grant Lodge Shimla).	Rs. 439424.00	Rs. 8790.00	One Month	688	350/-
47	S/R to various residential buildings under Division No. III Shimla (SH:- construction of stairs at Chotta Shimla, Kasumpti link road to block No. 6 at Ellerslie qtrs. At chotta Shimla).	Rs. 347377.00	Rs. 6950.00	One Month	688	350/-
48	Repair / renovation to Govt. Degree College Sanjauli, Distt. Shimla (H.P) (SH:- Providing and fixing double lock steel gates and covering all windows with brick work etc.).	Rs. 336586.00	Rs. 6732.00	One Month	688	350/-
49	A/R & M/O to various non residential building under Shimla Division No. III (SH:- Miscellaneous repair works in new conference hall in attic floor of Nirman Bhawan at Nigam Vihar Shimla).	Rs. 162820.00	Rs. 3260.00	One Month	688	350/-
50	A/R & M/O to various residential buildings under Shimla Division No. III (SH:- Repair of wood work, repair of ceiling, tile work, and other miscellaneous repair work in set no. 35/2 GF and 35/1 G.F. at Nabha Estate Shimla).	Rs. 158553.00	Rs. 3180.00	One Month	688	350/-
51	A/R & M/O to Medical College at IGMCS Shimla (SH:- Repair of rooms with ply board/ paneling, WSG, SJ, Painting, PVC flooring etc. in room No. 406, A 610, 503, 504).	Rs. 444591.00	Rs. 8900.00	One Month	688	350/-
52	A/R & M/O to road from Navbahar to Holy Lodge Km 0/00 to 2/670 (SH:- Providing and laying stone soling and CC 1:2:4 over soling in between TD 0/150 to 0/190).	Rs. 82650.00	Rs. 1660.00	One Month	688	350/-
53	A/R & M/O to various residential buildings under Shimla division No. III (SH:- Repair of wood work, repair of ceiling, tile work and other miscellaneous repair work in set No. 35/1 store room, at Nabha Estate Shimla)	Rs. 332783.00	Rs. 6666.00	One Month	688	350/-
54	A/R & M/O various residential buildings under division no. III Shimla (SH:- Repair of sewer line,	Rs. 372368.00	Rs. 7447.00	One Month	688	350/-

stone soiling of block NO. 17 and 16 at U.S. Club
Shimla).

Terms & Conditions:-

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

NO SD-III-CB-Tender/2023-24-

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

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

Dated:-

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs 468301.00
Earnest Money Rs 9165.00
Time One Month

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head: Painting work in inner side of Council chamber building at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate	Unit.	Amount.
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.	2696.42 Sqm	In figures 60.00 In words Rpees Sixty Only	Per square metre	161785.00
2	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	2696.42 Sqm	40.00 Rpees Forty Only	Per square metre	107067.00
3	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.	2696.42 Sqm	10.00 Rpees Ten Only	Per square metre	26964.00
4	Plastering 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.	2696.42 Sqm	60.00 Rpees Sixty Only	Per square metre	161785.00
	Quoted rate in words			Total	468301.00
	Quoted rate in words				
	Conditions:-				
	Notes should be quoted for all leads, lifts and all heights irrespective of any floor level etc.				
	Measure of all the materials to be used in work shall be got approved from the Engineer-in-charge in advance before actual use in work and any or all of the materials which are available as per Indian standards or the market should conform to Bureau of Indian standards.				

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

Page

SCHEDULE OF QUANTITY



Estimated Cost Rs. :- 368487.00
 Earnest Money Rs. :- 7370.00
 Time :- One Month.

Name of work :- Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Painting work in inner side of Vithal bhal bhawan, old Admin block and library stair case portion building at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including cartage of materials within all leads and lifts.	1122.31 Sqm	60.00	Rupees Sixty Only	Per square metre	67339.00
2	Applying priming coats with primer of approved brand and manufacture, having low VOC. (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	1122.31 Sqm.	40.00	Rupees Forty Only	Per square metre.	44892.00
3	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 cartage of materials in all leads and lifts.	1122.31 Sqm.	10.00	Rupees Ten Only	Per square metre.	11223.00
4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including cartage of materials within all leads and lifts.	1122.31 Sqm.	60.00	Rupees Sixty Only	Per square metre.	67339.00
5	Painting wood work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including cartage of materials within all leads and lifts.	1643.80 Sqm	60.00	Rupees Sixty Only	Per square metre	98628.00
6	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 cartage of materials within all leads and lifts as per direction of the Engineer - in - charge.	658.88 Sqm	120.00	Rupees Hundred Twenty Only	Per square metre	79066.00
Total						368487.00
	Quoted rate in words					
	Quoted rate in words					
	Conditions:-					
	i) Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.					
	ii) Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.					

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

SCHEDULE OF QUANTITY

(3)

Estimated Cost Rs. :- 355108.00
Earnest Money Rs. :- 7110.00
Time :- One Month.

Name of work: - S/R to H.P State Museum at Chaura Maidan Shimla. (SH:- Providing and Laying stone around path/ flower bed, chequered tile,etc path leading to staff qtrs and generator room.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts.- All kinds of soil.	76.21 Cum.	250.00	Rupees Two Hundred Fifty Only	Per cubic metre.	19053.00
2	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per H.P.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	24.04 Cum	1250.00	Rupees Thousand Two Hundred Fifty Only	Per Cubic metre	30050.00
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 cement : 3 coarse sand) : 6graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	26.31 Cum.	5500.00	Rupees Five Thousand Five Hundred Only	Per cubic metre.	144705.00
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 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.58 Cum.	6500.00	Rupees Six Thousand Five Hundred Only	Per cubic metre.	10270.00
5	Centering and shuttering including strutting, propping etc. and removal of form for Walls (any thickness) including attached plaster, buttresses, plinth and string courses etc. complete including carriage of materials within all leads and lifts including carriage of materials all leads and lifts as per direction of Engineer- in - Charge.	14.43 Sqm.	270.00	Rupees Two Hundred Seventy Only	Per square metre.	3896.00
6	Chequered precast NTC make cement concrete tiles 22mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand), complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	33.48 Sqm.	1050.00	Rupees One Thousand Fifty Only	Per square metre.	35154.00
7	Providing and laying factory made kerb stone of size 300mm X 100mm X 300 mm of required design mix cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1cement:3sand) including making joints with or without grooves thickness of joints, except at sharp curve shall not be more than 5mm) including making drainage opening wherever required etc. complete as per direction of Engineer - in-charge including carriage of materials within all leads and lifts.	6.79 Cum.	8074.00	Rupees Eight Thousand Seventy Four Only	Per cubic metre.	54822.00

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

Quoted rate in figure

Quoted rate in words

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 or Indian standards.

76.21	Cum.	750.00	Rupees Hundred Only	Seven Fifty	Per cubic metre.	57158.00
Total						355108.00

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

SCHEDULE OF QUANTITY

(4)

Estimated Cost Rs. 435178.00
Earnest Money Rs. 8703.00
Time:- One Month

Name of work: - Special repair to H.P State Museum Building at Chaura Maldan Shimla-4. (SH:- Providing and Fixing slate cladding , granite flooring , interlocking pavers near reception and fountain area at Museum)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount.
			In figures	In words		
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead complete including carriage of materials within all leads and lifts. For all thickness of tiles 10 mm to 25 mm	38.33	Sqm	40.00	Rupees Forty Per square metre	1533.00
2	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment, shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	92.06	No	70.00	Rupees Seventy Only Each	6444.00
3	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	15.69	Cum.	250.00	Rupees Two Hundred Fifty Only Per cubic metre.	3923.00
4	Stone soling properly hand-packed filling interstices with Kharanja stone including spreading watering of binding materials moorum or earth etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	6.72	Cum	1250.00	Rupees One Thousand Two Hundred Fifty Only Per Cubic metre	8400.00
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) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40mm nominal size) including carriage of materials within all leads and lifts.	15.45	Cum.	5500.00	Rupees Five Thousand Five Hundred Only Per cubic metre.	84975.00

6	Providing and laying heavy duty pre-polished precast cement concrete inter locking paver blocks of NTC make of approved design and shade vibro compacted of approved design, shade and size border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete (Sub base concrete floor to be paid for separately) 60mm thick block including carriage of materials within all leads and lifts. (Except interlocking paver)	126.33 Sqm	650.00	Rupees Hundred Only	Six Fifty Per square metre	82115.00
7	Providing and laying heavy duty pre-polished precast cement concrete inter locking paver blocks of NTC make of approved design and shade vibro compacted of approved design, shade and size border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement : 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete (Sub base concrete floor to be paid for separately) 60mm thick block including carriage of materials within all leads and lifts.	5.33 Sqm	1650.00	Rupees Thousand Hundred Only	One Six Per square metre	8795.00
8	15 mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	38.33 Sqm.	270.00	Rupees Hundred Seventy Only	Two Per square metre	10349.00
9	Providing and laying 15mm (average) thickness of slate stone in flooring / cladding 20mm (average) thickness base of cement mortar 1:3 (1 cement: 3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade complete including carriage of materials within all leads and lifts.	38.33 Sqm	2500.00	Rupees Thousand Hundred Only	Two Five Per square metre	95825.00
10	Providing and laying vitrified floor tiles of 600mm X 600mm sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	11.28 Sqm.	1350.00	Rupees Thousand Three Hundred Fifty Only	One Per Square metre	15228.00

11	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge: - Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	18.61	Sqm	5500.00	Rupees Thousand Hundred Only	Five Per square metre	102355.00
12	Extra for pre finished nosing to treads of steps of Polished Granite stone complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	3.09	Rmt.	200.00	Rupees Hundred Only	Two Per running metre	618.00
13	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 50m initial lead, for all leads including all lifts involved complete including carriage of materials within all leads and lifts.	19.49	Cum	750.00	Rupees Hundred Only	Seven Per cubic metre	14618.00
	Quoted rate in words						Total 435178.00
	Quoted rate in words						
	Conditions:-						
	i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						
	ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.						

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 146021 00
Earnest Money Rs. :- 2930.00

Time:- One Month.

Name of work: - A/R & M/O to Residential Building under Shimla Division No III (SH:- C/O Cupboard, Painting and Distemping etc. At set no 7 type -III qtrs. Block-A and Type -IV set No. 5 Barnesh Court set no.9 Top floor Block-B transit Accommodation at Jakhu Shimla.)

S ^N	Sub head and Items of work	Qty.	Rate		Unit	Amount
1	2	3	In figure	In words	6	7
1	Providing and fixing 9mm Thick Commercial ply wood Ceiling/lining with but jointing and nails/frame work and cover fillats to be measured and paid for separately.	5.76	Sqm	Rupees Nine Hundred Only	Per Square Metre	5184.00
2	Providing and fixing 12mm thick Shutting ply wood Confirming to IS in Plain lining/ Panelling/ under Floors with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame (Frame work Shall be Paid Separately) as per direction of Engineer - in Charge. including carriage of material in all leads and lifts	3.30	Sqm	Rupees One Thousand Fifty Only	Per Square Metre	3465.00
3	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	1.98	Sqm	Rupees One Thousand Four Hundred Only	Per Square Metre	2772.00
4	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated piano hinges with screws etc complete including carriage of materials in all leads and lifts.	1.68	Sqm	Rupees One Thousand Five Hundred Only	Per Square Metre	2520.00
5	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts as per direction of Engineer-in-charge :- Plain Glass 5mm thick.	2.45	Sqm	Rupees Nine Hundred Fifty Only	Per Square Metre	2328.00
6	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm. for doors, windows and clerestory windows with hinges and necessary screws :with ISI marked M.S. pressed butt hinges bright finished of required size(I)Second class Deodar wood(a)35 mm thick shutters	2.86	Sqm	Rupees Four Thousand Only	Per Square Metre	11440.00
7	Providing and fixing moulded corner Beading 40x12mm thick in section including fixing with necessary nails and screws etc. Complete(I) Second Class Deodar wood including carriage of Material with in all leads and lifts	26.80	Rmt	Rupees Eighty Only	Per Running Metre	2144.00
8	Providing and fixing plain square edged cover fillats (beading) 19mm x 6mm section with wood screws in ceiling and lining including mitring at junctions inhard wood including carriage of materials within all leads and lifts.	9.50	Rmt	Rupees Forty Only	Per Running Metre	380.00
9	Providing and Fixing GI Hooks for fixing of GI Pipe with wall for 15 mm GI Pipe etc. complete	10.00	No	Rupees Thirty Only	Each	300.00
10	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(I) 125mm	8.00	No	Rupees Sixty Five Only	Per Square Metre	520.00

11	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 150x10mm	8.00	No	95.00	Rupees Ninety Five Only	Per Square Metre	760.00
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 within all leads and lifts :- Double slp (horizontal type).	4.00	No	40.00	Rupees Forty Only	Per Square Metre	160.00
13	Providing and fixing 18 mm thick gang saw cut, mirror polished, pre-moulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. Area of slab over 0.50 sqm	5.52	Sqm.	3200.00	Rupees Three Thousand Two Hundred Only	Per Square Metre	17664.00
14	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. (i) Marble Work	1.20	Rmt.	220.00	Rupees Two Hundred Twenty Only	Per Running Metre	264.00
15	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	295.46	Sqm	10.00	Rupees Ten Only	Per Square Metre	2955.00
16	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content, (i) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	19.80	Sqm.	40.00	Rupees Forty Only	Per Square Metre	792.00
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	315.26	Sqm	60.00	Rupees Sixty Only	Per Square Metre	18916.00
18	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 lt/10 sqm over an under coat of primer applied @0.75 lt/10 sqm of approved brand and manufacture	19.80	Sqm.	65.00	Rupees Sixty Five Only	Per Square Metre	1287.00
19	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	340.60	Sqm.	45.00	Rupees Forty Five Only	Per Square Metre	15327.00
20	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade :(i) One or more coats on old work including carriage of materials within all leads and lifts	250.31	Sqm	65.00	Rupees Sixty Five Only	Per Square Metre	16270.00
21	Painting with synthetic enamel paint on previously painted wood or steel surface of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials in all leads and lifts.	414.96	Sqm	60.00	Rupees Sixty Only	Per Square Metre	24898.00
22	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	1.00	No.	5500.00	Rupees Five Thousand Five Hundred Only	Each	5500.00

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: 610x510 mm bowl depth 200mm.	1.00	No.	3300.00	Rupees Three Thousand Three Hundred Only	Each	3300.00
24	Providing and fixing 8 mm Dia chromium plated Ess Ess Jet with Flexible tube 1.00 Metre long with Ess Ess Triangular Plate to European Type W.C. Pan including carriage of materials within all leads and lifts.	1.00	No.	450.00	Rupees Four Hundred Fifty Only	Each	450.00
25	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete: (i) White solid plastic seat with lid	1.00	No.	600.00	Rupees Six Hundred Only	Each	600.00
26	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete: (i) Flexible pipe 32 mm Dia	1.00	No.	95.00	Rupees Ninety Five Only	Each	95.00
27	Providing and fixing C.P. grating of approved quality and colour: (i) Circular type 100 mm nominal dia	3.00	No.	120.00	Rupees One Hundred Twenty Only	Each	360.00
28	Providing and fixing uplasticsed PVC connection pipe with brass unions: 45 cm length (i) 15 mm Nominal Bore	4.00	No.	180.00	Rupees One Hundred Eighty Only	Each	720.00
29	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts.	4.00	No.	780.00	Rupees Seven Hundred Eighty Only	Each	3120.00
30	Providing and fixing C.P. brass long rose b/b cock of approved quality conforming to IS standards and weighing not less than 810 gms. including carriage of materials within all leads and lifts complete: (i) 15mm dia	1.00	No.	780.00	Rupees Seven Hundred Eighty Only	Each	780.00
31	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of Ess Ess make and quality as per direction of Engineer-in-charge.	5.00	No.	115.00	Rupees One Hundred Fifteen Only	Each	575.00
32	Providing and fixing C.P. Flange(size 65mm) of approved make and quality as per direction of Engineer-in-charge.	5.00	No.	35.00	Rupees Thirty Five Only	Each	175.00
	Quoted rate in figures.					Total	146021.00
	Quoted rate in words						
	Conditions:-						

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

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

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

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

SCHEDULE OF QUANTITY

5

Estimated Cost Rs. :- 198142.00
Earnest Money Rs. :- 3970.00
Time :- One Month.

Name of work: - A/R & M/O to Residential Building under Shimla Division No III (SH:- Providing and fixing wood frames work under floor and 12mm shuttering ply in floor of ground floor 9mm ply in ceiling etc at Minister House No.4 and forest lodge of Ram Chandra Chowk Shimla-2.)

S.N o.	Sub head and Items of work	Qty.	Rate		Unit	Amount	
1	2	3	In figure	In words	6	7	
1	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within all lead :(i)Of sectional area below 40 square centimetres and above.	0.831	Rmtl	2600.00	Rupees Two Thousand Six Hundred Only	Per Running Meter	2161.00
2	Dismantling wooden boardings in lining of walls and partitions including frame work and stacking the materials ithin all leads and lifts including carriage of materials:-Thickness above 25mm and upto 40mm.	56.37	Sqm	30.00	Rupees Thirty Only	Per Square Metre	1691.00
3	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed In position with necessary stainless steel screws etc including carriage of materials within all leads and lifts in second class deodar wood.	1.29	Cum	97000.00	Rupees Ninety Seven Thousand Only	Per Cubic Metre	125324.00
4	Providing and fixing 9mm thick commercial ply wood ceiling / plain lining of approved quality with necessary screws, nuts & bolts, nails etc complete including carriage of materials within all leads and lifts.	9.18	Sqm	900.00	Rupees Nine Hundred Only	Per Square Metre	8262.00
5	Providing and fixing 12mm thick Shuttering ply wood Conforming to IS in Plain lining/ Panelling/ under Floors with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame (Frame work Shall be Paid- Separately) as per direction of Engineer - in Charge- including carriage of material in all leads and lifts	56.37	Sqm	1050.00	Rupees One Thousand Fifty Only	Per Square Metre	59189.00
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 and as per the direction of the Engineer-in-Charge.	9.18	Sqm	60.00	Rupees Sixty Only	Per Square Metre	551.00
7	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) Including carriage of materials within all leads and lifts.	9.18	Sqm	40.00	Rupees Forty Only	Per Square Metre	367.00

8	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture including carriage of materials within all leads and lifts.	9.18	Sqm	65.00	Rupees Sixty Five Only	Per Square Metre	597.00
						Total	198142.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

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

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 403884.00
Earnest Money Rs. :- 8078.00
Time:- One Month.

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Re-stuffing of furniture items in set no. 201,103,305,312,206,112,409,106, in New MLA Hostel at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Up holstering / re-stuffing of sofa set /chair with super quality foam -32 density and tapstry cloth including stitching and set cushion21"x22"x4" complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:- (i) Three seater Sofa set.	8.00	No	12535.00 Rupees Twelve Thousand Five Hundred Thirty Five Only	Each	100280.00
1.01	Single seater Sofa set.	8.00	No	4578.00 Rupees Four Thousand Five Hundred Seventy Eight Only	Each	36624.00
1.02	Single seater Easy Chair	32.00	No	2150.00 Rupees Two Thousand One Hundred Fifty Only	Each	68800.00
2	Up holstering / re-stuffing of puffy using 2" thick sleepwell with foam and tapestry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:-	16.00	No	1680.00 Rupees One Thousand Six Hundred Eighty Only	Each	26880.00
3	Up holstering / re-stuffing of Deewan using 4" thick sleepwell with foam and tapestry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:-	9.00	No	8500.00 Rupees Eight Thousand Five Hundred Only	Each	76500.00

4	Up holstering / re-stuffing of Dining chair using 2" thick sleepwell with foam sheet in seat & back fixing padding with latex with superior quality tapstry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	48.00	No	1975.00	Rupees One Thousand Nine Hundred Seventy Five Only	Each	94800.00
	Quoted rate in words						Total 403884.00
	Quoted rate in words						
	Conditions:-						
	i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						
	ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.						

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

(Signature)

SCHEDULE OF QUANTITY

(8)

Estimated Cost Rs :- 473343.00
Earnest Money Rs :- 9467.00
Time:- One Month.

Name of work: -Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Re-stuffing of furniture items in set no.203,204,304,411,202,30,9,09,211,410 in MLA Hostel at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	In figures	Rate	In words	Unit	Amount.
1	Up holstering / re-stuffing of sofa set /chair with super quality foam -32 density and tapstry cloth including stitching and set cushion21"x22"x4" complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:- (i) Three seater Sofa set.	9.00 No	12535.00	Rupees Twelve Thousand Five Hundred Thirty Five Only	Each	112815.00	
1.01	Single seater Sofa set.	16.00 No	4578.00	Rupees Four Thousand Five Hundred Seventy Eight Only	Each	73248.00	
1.02	Single seater Easy Chair	32.00 No	2150.00	Rupees Two Thousand One Hundred Fifty Only	Each	68800.00	
2	Up holstering / re-stuffing of purfy using 2" thick sleepwell with foam and tapstry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:-	26.00 No	1680.00	Rupees One Thousand Six Hundred Eighty Only	Each	43680.00	
3	Up holstering / re-stuffing of Deewan using 4" thick sleepwell with foam and tapstry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge:-	9.00 No	8500.00	Rupees Eight Thousand Five Hundred Only	Each	76500.00	
4	Up holstering / re-stuffing of Dinning chair using 2" thick sleepwell with foam sheet in seat & back fixing padding with latex with superior quality tapstry cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	48.00 No	1975.00	Rupees One Thousand Nine Hundred Seventy Five Only	Each	94800.00	

5	Up holstering / re-stuffing of Speaker chair using 2" thick sleepwell with foam sheet in seat & back fixing padding with latex with superior quality lapsrty cloth complete as per H.P. P.W.D. specifications in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	1.00 No	3500.00	Rupees Three Thousand Five Hundred Only	3500.00
	Quoted rate in words				Total 473343.00
	Quoted rate in words				
	Conditions:-				
	i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.				
	ii Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.				

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

SCHEDULE OF QUANTITY

Estimated cost:- 1430333.00
Earnest Money:- 8607.00
Time :- One Month.

Name of work:- Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Repair of door shutters, repair of Jaffri, polycarbonate sheet at Oak Over Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres: 18.00	No	70.00	Rupees Seventy Each Only	1260.00	
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.	Cum.	350.00	Rupees Three Hundred Fifty Per cubic metre.	172.00	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering: 0.89 - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - In - charge.	Cum.	6500.00	Rupees Six Thousand Five Hundred Only	5785.00	
4	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 Adhesive mixture), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. complete Size of Tile 1200x600 mm	sqm	1600.00	Rupees One Thousand Six Hundred Only	32854.00	
5	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement 3 Adhesive mixture), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete	Sqm	1650.00	Rupees One Thousand Six Hundred Fifty Only	2673.00	
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in girders, frames, guard bar, ladder, railings, brackets, gales and similar works.	Kg	105.00	Rupees One Hundred Five Kilogramme Only	93563.00	
7	Providing & Fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J / or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required, 0.63 mm thick with zinc coating not less than, including carriage of materials within all leads and lifts	Sqmt	1030.00	Rupees One Thousand Thirty Per square metre.	10650.00	
8	Providing & Fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J / or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required, 0.63 mm thick with zinc coating not less than, including carriage of materials within all leads and lifts (labour rate)	Sqmt	250.00	Rupees Two Hundred Fifty Per square metre.	2930.00	
9	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows, including black enamelled iron built hinges with necessary crews 40 mm thick 1st class deodar wood including carriage of materials within all leads and lifts.	Sqm.	4500.00	Rupees Four Thousand Five Hundred Per square metre	70805.00	

10	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of 1 S. gauge designation 0.83 85G with wire of dia 0.56mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 1st class decidar wood.	Sqm	4000.00	Rupees Four Per square 3320.00 Thousand Only metre
11	Providing and fixing 9mm ply of standard quality ISI mark and approved shade and colour in paneling & wall for lining i/c miting at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	Sqmt	850.00	Rupees Eight Per square 12895.00 Hundred Fifty metre Only
12	Providing and fixing 12mm thick imported pine wood ceiling/ paneling with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	Sqm	1750.00	Rupees One Per square 26548.00 Thousand Seven metre. Hundred Fifty Only
13	Providing and fixing square edged cover fillets (beading) 40mmx25mm section with wood screws in ceiling and lining including miting at junctions including carriage of materials in all leads and lifts. 2nd class teak wood.	Rmt	150.00	Rupees One Per running 3495.00 Hundred Fifty metre. Only
14	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 4mm thick ply-3ply complete including carriage of materials within all leads and lifts.	Sqm	1150.00	Rupees One Per square 13490.00 Thousand One metre Hundred Fifty Only
15	Providing and fixing square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including miting at junctions including carriage of materials in all leads and lifts. 2nd class teak wood.	Rmt	75.00	Rupees Seventy Per running 2622.00 Five Only metre
16	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts. Plain Glass:5mm thick.	Sqm	950.00	Rupees Nine Per square 5073.00 Hundred Fifty metre Only
17	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.	Sqm	900.00	Rupees Nine Per square 17200.00 Hundred Only metre
18	Providing and fixing polycarbonate transparent sheet 2.0 mm thick in roofing with galvanised Jor 1 hooks bolts 26.02 and nuts with G.I. limpet and bitumen rubber washer complete with all accessories asrequired in all leads and lifts as per direction of Engineer-in-charge.	Sqm	2150.00	Rupees Two Per square 55943.00 Thousand One metre Hundred Fifty Only
19	Providing and fixing M.S welded mesh 25x25x2mm to angle iron frame work complete including welding by electric plant and including applying a priming coat of red lead painting and as per the direction of Engineer-in-charge including carriage of materials within all leads and lifts.	Sqm	600.00	Rupees Six Per square 3732.00 Hundred Only metre
20	Providing and fixing 300x16mm size oxidized M.S. sliding door bolts with nuts and screws etc. including carriage of materials in all leads and lifts complete.	No.	120.00	Rupees One Each 360.00 Hundred Twenty Only
21	Providing and fixing 250x16mm size oxidized Ess-Ess. sliding door bolts with nuts and screws etc. including carriage of materials in all leads and lifts complete.	No.	280.00	Rupees Two Each 280.00 Hundred Eighty Only
22	Providing and fixing iron locking bolt including carriage of materials in all leads and lifts complete.	No.	100.00	Rupees One Each 100.00 Hundred Only
23	Providing and fixing Ess-Ess long nose door stopper including carriage of materials in all leads and lifts complete	No.	250.00	Rupees Two Each 1000.00 Hundred Fifty Only
24	Providing and fixing bright finished brass hard drawn hooks and eyes. complete including carriage of materials within all leads and lifts	No	50.00	Rupees Fifty Each 1200.00 Only

25	Providing and fixing antique brass tower bolts complete including carriage of materials within all leads and lifts. (1) 250 X 10 mm size.	No.	170.00	Rupees Hundred	One Each	2040.00
25.01	Providing and fixing antique brass tower bolts complete including carriage of materials within all leads and lifts. (1) 200 X 10 mm size.	No.	140.00	Rupees Hundred Only	One Each	560.00
26	Providing and fixing bright finished brass handles with screws etc. complete 200mm size including carriage of 2.00 materials within all leads and lifts.	No.	200.00	Rupees Hundred Only	Two Each	400.00
26.01	Providing and fixing bright finished brass handles with screws etc. complete 125mm size including carriage of 8.00 materials within all leads and lifts.	No.	170.00	Rupees Hundred	One Each	1360.00
27	Providing and fixing Ess-Ess make curtain rod 25mm dia complete including carriage of material in all leads and lifts and as per the direction of the Engineer-In-Charge.	Rmt.	350.00	Rupees Hundred	Three Per running Fifty metre	1225.00
28	Providing and fixing PVC gully trap ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	No.	250.00	Rupees Hundred Only	Two Each	250.00
29	Constructing brick masonry road gully chamber 45cm x45cm x45cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 450x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design	No.	4700.00	Rupees Thousand Seven Hundred Only	Four Each	4700.00
30	Providing and fixing high pressure PVC (Finolox) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. (1) 75 mm dia.	Rmt.	300.00	Rupees Hundred Only	Three Per Running	900.00
31	Providing and fixing on wall faces PVC (finolox) type-A accessories for rain water pipes including filling the joints with approved adhesive complete PVC Plain bend 75mm dia including carriage of materials within all leads and lifts.	No.	225.00	Rupees Hundred Twenty Five Only	Two Each	450.00
32	Providing and fixing one way vision vinyl film including carriage of materials within all leads and lifts.	Sqm	650.00	Rupees Hundred	Six Per square Fifty metre	6247.00
33	Providing and fixing murgappa 1.50 hose power water pump including carriage of materials within all leads and lifts.	No.	14000.00	Rupees Fourteen Thousand Only	Each	14000.00
34	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.	Sqm	80.00	Rupees Only	Sixty Per square metre	1064.00
35	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.50 litr/10 sqm over an under coat of primer applied @0.75 litr/10sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	Sqm	75.00	Rupees Five Only	Seventy Per square metre	1924.00
36	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.50 litr/10 sqm over an under coat of primer applied @ 0.80 litr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	Sqm	60.00	Rupees Only	Sixty Per square metre	3626.00
37	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. New Work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	Sqm	60.00	Rupees Only	Sixty Per square metre	3018.00
38	Polishing two or more coats with Melamine polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler up to all heights in all floor levels complete with scaffolding works including carriage of materials within all leads and lifts.	Sqm	260.00	Rupees Hundred Only	Two Per square Sixty metre.	16661.00

39

Providing scaffolding for all kind of works in multistorey buildings up to all height with Bamboo complete tied with 33.00 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.

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

Sqm 120.00 Rupees One Per square 3960.00
Hundred Twenty metre Only

Rupees Sixty Per cubic 11188.00
Two Thousand metre. Only Five Hundred

Total 430333.00

Quoted rates in figures
Quoted rates in figures

Conditions:-

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.
- 3 All stains of Paints Emulsion/ distemper etc. be removed from windows panes, glazing panes and floor etc.

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

SCHEDULE OF QUANTITY

Estimated cost - 371,588.00
Earnest Money - 7432.00
Time - One Month

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla, (SH)-Painting and distemper, repair of door window, repair of flooring and verandah, repair of other miscellaneous repair work in set no 8, 13 type VI, set no 6, 7, Type IV block-B, set no 16 type-V & block-B type II at Richmond Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	20.30 Sqm	4500.00	Rupees Four Thousand Five Hundred Only	Per square metre.	91350.00
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 in all leads and lifts.	182.03 Sqm.	10.00	Rupees Ten Only	Per square metre.	1820.00
3	Providing and applying white cement based putty of average thickness 1 mm. of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	182.03 Sqm	60.00	Rupees Sixty Only	Per square metre	10922.00
4	Wall painting with plastic emulsion paint of approved brand and manufacturer to give an even shade two or more coats on old work complete including carriage of materials within all leads and lifts.	606.78 Sqm	60.00	Rupees Sixty Only	Per square metre	36407.00
5	Painting wood work with Deluxe Multi Surface Paint of required shade, one or more coat applied of approved brand and manufacturer including carriage of materials within all leads and lifts.	95.00 Sqm	60.00	Rupees Sixty Only	Per square metre	5700.00
6	Finishing walls with 100% Premium acrylic emulsion/Apex Ultima weather proof 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 New work (Two or more coats applied @ 1.43 litre/ 10 sqm. over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. silicon additives	282.00 Sqm	65.00	Rupees Sixty Five Only	Per square metre	18330.00
7	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts.-Plain Glass 4mm thick.	13.55 Sqm	850.00	Rupees Hundred Only	Eight Per square Fifty metre	11518.00
8	Providing and fixing 35mm thick wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85G with wire of dia 0.56mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in 1st class deodar wood.	9.23 Sqm	4000.00	Rupees Thousand Only	Four Per square metre.	36920.00
9	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts -(i) 110 mm dia.	30.00 Rmt	350.00	Rupees Hundred Only	Three Per Running Fifty metre.	10500.00
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 gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts.	655.80 Kg	105.00	Rupees Hundred Only	One Per Five Kilogramme	68859.00
11	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC10 as per IS : 1866), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	8.00 No.	250.00	Rupees Hundred Only	Two Each Fifty	2000.00
12	Providing and fixing aluminium 150x10 mm size tower bolts, 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 including carriage of materials within all leads and lifts.	14.00 No.	95.00	Rupees Five Only	Ninety Each	1330.00

13	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 125mm size.	14.00 No.	75.00	Rupees Seventy Five Only	Each.	1050.00
14	Providing and fixing 2.0mm thick PVC/ rubber tiles flooring of standard make or equivalent plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	44.00 Sqm	1020.00	Rupees One Thousand Twenty Only	Per square metre	44880.00
15	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.	40.00 Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic metre	30000.00
	Quoted rates in figures				Total	371586.00
	Quoted rates in figures					

Conditions:-

- 1 Rates should be quoted for all heights including all leads and lifts for internal and external works.
- 2 Sample of all the material to be used on work, shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.
- 3 All stains of Paints Emulsion/ distemper etc. be removed from windows panes, glazing panes and floor etc.

Executive Engineer
Ships Division NO.M.
HE PWD Shimla-171003
[Signature]

SCHEDULE OF QUANTITY

Estimated Cost Rs. 171181.00
Earnest Money Rs. 3430.00
Time:- One Month.

Name of work:- A/R and M/O to Eilerslie Main Building and Armsdale Building at HP Secretariat Shimla-2. (SH:- Minor W.S. & S.I. repair of Room No. E-121. G-16, E-114 etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing standless steel kitchen sink made of NEEL KHANTH of size 610mm x460mm with bowl depth 200mm size with C. I. or M. S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts.	4.00 No	3200.00	Rupees Thousand Three Hundred Only	Each	12800.00
2	Providing and fixing 15mm dia single lever sink mixer with out popup waste with 450mm long braided hoses including connection fitting in all respect complete including carriage of materials within all leads and lifts:- Jaquar cat No. ORP-CHR-10011BPM.	4.00 No.	4200.00	Rupees Thousand Four Hundred Only	Each	16800.00
3	Providing and fixing 15mm dia C.P. brass Angle cock including carriage of materials within all leads and lifts:- Kohlar Cat No. 80154IN-4-CP.	10.00 No.	762.70	Rupees Hundred Sixty Two and Paise Seventy Only	Each	7627.00
4	Providing and fixing 15mm dia C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts:- ESS ESS C-202B.	10.00 No.	975.00	Rupees Hundred Five Only	Each	9750.00
5	Providing and fixing Hot & Cold 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts:- 15mm nominal bore	10.00 No.	250.00	Rupees Hundred Fifty Only	Each	2500.00
6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge:- Internal work - Exposed on wall 20mm nominal outer dia Pipes.	137.50 Rmt.	280.00	Rupees Hundred Eighty Only	Per running metre	38500.00
7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes fittings having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge:- Internal work - Exposed on wall 20mm nominal outer dia Pipes:- (i) Thread elbow.	12.00 No.	30.00	Rupees Thirty Only	Each	360.00
ii	Plain Elbow.	20.00 No.	30.00	Rupees Thirty Only	Each	600.00
iii	Thread socket.	10.00 No.	40.00	Rupees Forty Only	Each	400.00

iv Union.						
8	Providing and fixing to wall ceiling and floors galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floor complete including carriage of materials within all leads and lifts:- 15mm nominal bore.	10.00 No.	50.00	Rupees Fifty Only	Each	500.00
9	Providing and fixing 15mm size G.I./M.I Union of following sizes (where not included in the items including carriage of materials within all leads and lifts.	193.75 Rmt	325.00	Rupees Hundred Five Only	Three Per running metre	62969.00
10	Providing and fixing 15mm size G.I./M.I Union of following sizes (where not included in the items including carriage of materials within all leads and lifts.	25.00 No.	150.00	Rupees Hundred Fifty Only	One Each	3750.00
	the joints with approved adhesive and including require No. of collar and clamps etc complete including carriage of materials within all leads and lifts:- 75mm nominal size.	39.00 Rmt	375.00	Rupees Hundred Five Only	Three Per running metre	14625.00
Total						171181.00

Quoted rate in figures.

Quoted rate in words.

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 conform to Bureau of Indian standards

BY THE
GOVT

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499454.00
Earnest Money Rs. :- 9990.00

Time:- Three Month.

Name of work: - Construction of roof of Toilet block of ART Center at IGMC Shimla (SH:-Prepainted steel sheets , Steel work , MS . BP. Sheets and Painting Etc.)

S.No.	Sub head and items of work	Qty.	Rate	Unit	Amount		
1	2	3	In figure	In words	6	7	
1.00	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within carriage of material in all leads and lifts:-G.S. Sheet.	96.20	Sqm	150.00	Rupees One Hundred Fifty Only	Per square meter	14430.00
2.00	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint:-In beams joists, channels, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	3010.40	Kg	105.00	Rupees One Hundred Five Only	Per Kilogramme Metre	316092.00
3.00	Providing and fixing pre-coated galvanised 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 drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	96.20	Sqm	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per Square Metre	120250.00
4.00	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 1518 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	13.00	Rmt	700.00	Rupees Seven Hundred Only	Per Running Metre	9100.00
5.00	Providing and fixing M.S. BP sheet 2.00 mm thick in eaves board/rafters/soffit/ceiling including cutting, fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge including entire carriage of materials in all leads and lifts	20.80	Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Per Square Metre	36400.00
6.00	Providing Scaffolding for all kind of works in Multistory Building up to all floor high/ levels Bamboo complete tiled with rope on joints and pedestal of CGI Sheet etc. in all respect including carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	9.00	Sqm	120.00	Rupees One Hundred Twenty Only	per square meter	1080.00
7.00	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture	20.80	Sqm.	65.00	Rupees Sixty Five Only	Per square metre	1352.00

8.00	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 lalleafs, complete as per direction of Engineer-in Charge. Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carrying motor vehicle of 3.5 cum. or More.	1.00	Cum.	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	750.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						
						Total	499454.00

- i Rates should be quoted for all heights including all leads and lifts for internal and external works
- ii Useful materials will be handed over to the Assistant Engineer, Medical College 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.
- iv All Stems of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

Approved by me

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

Earnest Money Rs. :- 7990.00

Time:- One Month.

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

79

Earnest Money Rs. :- 7800.00

Name of work: - Special repair to Various Non residential buildings under Shimla Division No. III (SH:-Repair of cracks of walls in room of E.E. Division No. 1 & III, general toilets, Accounts branch & stair hall with Epoxy Grout & PU foam of main building) at winter field Shimla.

i Patents should be quoted for all inventions including all models and drawings for internal and external works

ii Locally materials will be numbered over to the Assistant Engineer, Sub Division No. VII MPWD, Shimla-3 otherwise credit for usable 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 a variable as per Indian standards in the market should confirm to bureau of Indian standards

Executive Engineer,
Shimla Division No. III,
HP. BWD. Shimla-31

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 209412.00
Earnest Money Rs. :- 4190.00

Time :- One Month.

Name of work: - A/R & M/O to Various residential building under Shimta Division No. III (SH:- Repair of Cup Board, PVC Flooring, Painting and Distemping in Block No. 9 set No.9- B Mudkanda House Ground floor at Barnes Court Shimla-2)

S.N	Sub head and Items of work	Qty.	Rate	Unit	Amount		
0.							
1	2	3	In figure	In words	6	7	
1	Providing and fixing 19mm (Nineteen milimetre) thick commercial board for cup board etc., in shelves with screws and fittings wherever required, (fittings to be paid separately).	38.79	Sqm	1400.00	Rupees One Thousand Four Hundred Only	Per Square Metre	54306.00
2	Providing and fixing 19mm (Nineteen milimetre) thick commercial board Shutters for cup board etc., with screws and fittings wherever required, (fittings to be paid separately) including ISI marked nickel plated bright finishing M.S. piano hinges conforming to IS:3818 marked with necessary screw etc all complete.	16.21	Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	24315.00
3	Providing and fixing 6mm 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 in all leads and lifts.	16.21	Sqm	650.00	Rupees Six Hundred Fifty Only	Per Square Metre	10537.00
4	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete Including carriage of material in all leads and lifts.	29.19	Sqm	890.00	Rupees Eight Hundred Ninety Only	Per Square Metre	25979.00
5	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.	95.00	Rmt.	40.00	Rupees Forty Only	Per Running Metre	3800.00
6	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts (i) 100 mm	28.00	No	150.00	Rupees One Hundred Fifty Only	Each	4200.00
7	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts(i) Double strip (horizontal type)	28.00	No.	40.00	Rupees Forty Only	Each	1120.00
8	Providing and applying white cement based putty of average thickness 1 mm. of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	70.61	Sqm	60.00	Rupees Sixty Only	Per Square Metre	4237.00
9	Painting wood work with Deluxe Mult 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	70.61	Sqm	65.00	Rupees Sixty Five Only	Per Square Metre	4590.00
10	Providing and Fixing 1.5mm Thick PVC. Antistatic Vynyle Flooring plain Coloured, coated ar Moasic/ Metalised finish laid with approved Adhesive on sub-Floor (Damp proof treatment to be paid for seprately) including carriage of materials within all leads and lifts (i) 1.5mm Thick	19.00	Sqm.	900.00	Rupees Nine Hundred Only	Per Square Metre	17100.00

11	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately; all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)(i) Second class Deodar wood (a) 35mm thick shutters	3.20	Sqm.	4500.00	Rupees Four Thousand Five Hundred Only	Per Square Metre	14400.00
12	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :(i) 250x16mm	2.00	No.	250.00	Rupees Two Hundred Fifty Only	Each	500.00
13	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 150x10mm	4.00	No.	95.00	Rupees Ninety Five Only	Each	380.00
14	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 125mm	4.00	No.	75.00	Rupees Seventy Five Only	Each	300.00
15	Providing and fixing 1.5 mm thick Polycarbonate sheet plain lining with necessary screws/nuts & bolts/ nails, and fixed on wooden /steel frame work, complete as per direction of Engineer-in-charge (Frame work shall be paid for separately).	12.32	Sqm	2150.00	Rupees Two Thousand One Hundred Fifty Only	Per Square Metre	26488.00
16	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. including carriage of materials within all leads and lifts complete. (i) 15mm dia	22.00	No.	780.00	Rupees Seven Hundred Eighty Only	Each	17160.00
						Total	209412.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

i Rates should be quoted for all regions including all leads and lifts for internal and external work.

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

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

iv Recovery of useful bricks 224.00 No recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

Executive Engineer,
Shimla Division No. III,
HP. PWD. Shimla-2.

SCHEDULE OF QUANTITY

16

Estimated Cost Rs. :- 188935.00

Earnest Money Rs. :- 3780.00

Time:- One Month.

Name of work: - A/R & M/O to Nirman Bhawan under Shimla Division No III (SH:- Painting and distempering in stair hall and Entrance Lobby in front of Block A and Block B at Engineer-in-chief office building of Nirman Bhawan at Nigam Vihar Shimla.)

S.N o.	Sub head and Items of work	Qty.	Rate		Unit	Amount	
1	2	3	In figure	In words	6	7	
1	Removing dry or oil bound distemper, water proofong cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	600.46	Sqm	10.00	Rupees Ten Only	Per Square Metre	6005.00
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	600.46	Sqm	60.00	Rupees Sixty Only	Per Square Metre	36028.00
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :(i)New work (two or more coats) over and including water thinnable priming coat with cement primer	165.50	Sqm	60.00	Rupees Sixty Only	Per Square Metre	9930.00
4	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:(i)One or more coats on old work Including carriage of materials within all leads and lifts	1335.64	Sqm	60.00	Rupees Sixty Only	Per Square Metre	80138.00
5	Polishing One or more coat with malamine polish of required shade on Old wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts. One or more coat on Old works	101.15	Sqm	250.00	Rupees Two Hundred Fifty Only	Per Square Metre	25288.00
6	Painting with synthetic enamel paint on previously painted wood or steel surface of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials in all leads and lifts.	381.77	Sqm	60.00	Rupees Sixty Only	Per Square Metre	22906.00
7	Providing temporary platform by way of scaffolding for all kind of works in halls/ rooms having exceptional 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.	72.00	Sqm	120.00	Rupees One Hundred Twenty Only	Per Square Metre	8640.00
						Total	188935.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii Useful materials not be handed over to the Assistant Engineer, Sub Division No. V HPWD, Shimla-2 otherwise credit for useful materials will be charged.

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 148296.00
Earnest Money Rs. :- 2970.00
Time:- One Month.

(17)

Name of work: - A/R & M/O to Various Residential & Non Residential building Under Shimla Division No. III (SH:- Hiring of Labour for cleaning of Blocked manholes , Sewer line, clearing of muck , Debries & Cleaning of rain gutters , Drain etc. in Nirman Bhawan Section at Nigam Vihar Shimla-2)

S.N a.	Sub head and items of work	Qty.	Rate	Unit	Amount	
1	2	3	In figure	In words	6	7
1	Engagement of Sever Man to performs semi-skilled work in connection with the maintenance and operation of a sewer system, Operates catch basin cleaner, Removes obstructions from sewers with sewer rods and sewer cables, Pumps out cellars or excavations that have become flooded as the result of storms, Repairs sewers, manholes and catch basins and other related jobs. He is responsible for every day inspection, Maintance and complaint disposal and and other duty assigned by the Junior Engineer.	120.00	No	617.90	Rupees Six Hundred Seventeen and Paise Ninety Only	Per Day 74148.00
2	Engagement of Beldar for any of duties assigned by Junior Engineer, unskilled jobs such as earth work, carriage of material, cleaning and washing of areas, assisting plumber carpenter etc, cutting of grass and other miscellaneous works assigned by Junior Engineer.	120.00	No	617.90	Rupees Six Hundred Seventeen and Paise Ninety Only	Per Day 74148.00
</						

- i) Rates should be quoted for all heights including all heads and lifts for internal and external works
- ii) Useful materials will be handed over to the Assistant Engineer, Sub Division No. V HPDMO, Shimla-2 otherwise credit for useful materials will be accorded.
- iii) Sample of all materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 462257.00
Earnest Money Rs. :- 9250.00
Time:- One Month

Name of work: - A/R & M/O to Various Non Residential building Under Shimla Division No. III (Sh:- Cleaning of Doors, Windows, Sweeping, Mopping and Cleaning of Whole Nirman Bhawan Compound and toilets etc & Hiring of Technical Staff along with Labour for Day to Day Maintenance in Nirman Bhawan Building at Nigam Vihar Shimla)

S.N	Sub head and items of work	Qty.	Rate	Unit	Amount
1	1	3	In figure	6	7
1	Cleaning of doors, windows, sweeping, mopping and cleaning of toilets. All as per direction of Engineer-in Charge.(For four month) as per direction of Engineer - In - Charge	12602.46 Sqm.	33.00	Rupees Thirty Three Only	422481.00
2	Hiring technical staff i.e Plumber, Carpenter etc once per week for daily maintenance work including one helper with the technical staff (For Four Month) as per direction of Engineer - In - Charge	16.00 Day	2486.00	Rupees Two Thousand Four Hundred Eighty Six Only	39776.00
				Total	462257.00
	Quoted rate in figures.				
	Quoted rate in words				
	Conditions:-				

- Rates should be quoted for all things including all loads and lifts for internal and external works
- Useful materials will be handed over to the Assistant Engineer, Sub Division No. V H.P.W.D. 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 conform to Bureau of Indian Standards

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

110

DRAFT SCHEDULE OF QUANTITY

Murali Sahani

Estimated Cost Rs. :- 499478.00
 Earnest Money Rs. :- 9990.00

Time:- One Month.

Name of work :- Construction of Cup Board at various locations and PWD Store behind PWD enquiry G.F. Block C at IGMC Shimla.(SH:- Demolition work,Cement concrete work and wooden work etc. in PWD Store, CB and PVC Flooring in room no. 232, CB in Psychetary ward Block E, CB in Female Medicine unit 1, ICU and CB in room of HOD Medicine department etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1.00	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 (1/c equivalent design mix)	14.40 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per cubic metre	16560.00
2.00	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and combor including spreading watering and rolling of binding materials moonum or earth etc. complete as per HP.PWD specification. 100 mm spread thickness (finished work including materials and labour)	5.40 Cum	1600.00	Rupees One Thousand Six Hundred Only	Per Cubic Metre	8640.00
3.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (i) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 20 mm nominal size)	5.40 Cum.	4350.00	Rupees Four Thousand Three Hundred Fifty Only	Per Cubic Metre	23490.00
4.00	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)	5.40 Cum.	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	35100.00
5.00	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)	5.00 Cum.	7000.00	Rupees Seven Thousand Only	Per Cubic Metre	35000.00
6.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts (i) Size of Tile 600x600 mm	36.00 Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	54000.00
7.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to IS: 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials in all leads and lifts (i) Size of Tile 600x300 mm	20.00 Sqm	1450.00	Rupees One Thousand Four Hundred Fifty Only	Per Square Metre	29000.00

8.00	Providing and fixing 1.50mm thick (LG Make) 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.	14.46	Sqm	900.00	Rupees Nine Hundred Only	Per Square Metre	13014.00
9.00	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	78.50	Sqm.	1500.00	Rupees One Thousand Five Hundred Only	Per square metre	117750.00
10.00	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	22.79	Sqm.	1400.00	Rupees One Thousand Four Hundred Only	Per square metre	31906.00
11.00	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position. including carriage of materials with in all leads and lifts. (a) Second Class Deodar Wood	0.146	Cum.	97500.00	Rupees Ninety Seven Thousand Five Hundred Only	Per Cubic Metre	14235.00
12.00	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	100.00	Rmt.	34.00	Rupees Thirty Four Only	Per Running Metre	3400.00
13.00	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sumnica) on boards / ply wood sheets with approved adhesive and nails complete Including carriage of material in all leads and lifts.	42.79	Sqm.	890.00	Rupees Eight Hundred Ninety Only	Per Square Metre	38083.00
14.00	Steel work welded in built up/ Hollow sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in beams, joists, channels, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purins connected to common rafters and the like including carriage of materials in all leads and lifts.	300.00	Kg	115.00	Rupees One Hundred Fifteen Only	Per Kilogram	34500.00
15.00	Providing and fixing M.S. BP sheet 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-In-Charge including entire carriage of materials in all leads and lifts	5.00	Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Per square metre	8750.00
16.00	Providing and fixing paneled glazed or paneled and glazed shutters for doors, windows and clerestory windows including black enameled iron butt hinges with necessary screws. with in all leads and lifts. (i) 35mm thick (a) Second Class Deodar Wood	3.00	Sqm	4500.00	Rupees Four Thousand Five Hundred Only	Per Square Metre	13500.00
17.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1869) transparent or dyed to required colour or shade, with necessary screws etc. complete (i) 125mm	10.00	No	75.00	Rupees Seventy Five Only	Each	750.00
18.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1869), transparent or dyed to required colour or shade, with nuts and screws etc. complete (i) 250x16mm	2.00	No	250.00	Rupees Two Hundred Fifty Only	Each	500.00

19.00	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.	20.00	Sqm.	270.00	Rupees Two Hundred Seventy Only	Per square metre	5400.00
20.00	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts:-With white enamel paint	20.00	Sqm.	60.00	Rupees Sixty Only	Per square metre	1200.00
21.00	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials within all leads and lifts in With white enamel paint.	20.00	Sqm.	60.00	Rupees Sixty Only	Per square metre	1200.00
22.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One or More Coat	20.00	Sqm.	65.00	Rupees Sixty Five Only	Per square metre	1300.00
23.00	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.	20.00	Sqm	10.00	Rupees Ten Only	Per Square Metre	200.00
24.00	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.	20.00	Sqm	60.00	Rupees Sixty Only	Per Square Metre	1200.00
25.00	Disposal of moonrum / Building rubbish/ Malba/ Similar unserviceable , dismantled or waste material by mechanical Transport including loading, trasporting, unloading to approved municipal dumping ground for lead up to 10.0 Km. for all leads. Complete as per directions of Engineer-in- Charge Note:- Item to be applicable in urban Areas having directions for restricted hours for movement/ plying of load Carrying motor vehicle of 3.5 Cum. or More.	14.40	Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	10800.00
Conditions:-						Total	499478.00

- i Rates should be quoted for all heights including all leads and lifts for internal and external works
- ii Useful materials will be handed over to the Assistant Engineer, Medical College Sda Division HPWD, Shimla-1 @market price 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

Draft schedule of quantity No.....116.....for the year 2023-24
duly approved amounting to ₹. 4,99,478/-only.

Rupees Four Lakhs Ninety Nine Thousand Four Hundred
Seventy Eight Only

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 487803.00
Earnest Money Rs. :- 9760.00

Time:- One Month.

Name of work: - Construction of covered passage and dead body pedestal in open space behind Causality Block-A at IGMC Shimla(Sh:- steel work , Roofing , Granite work & Kota Stone flooring etc.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)including cartage of materials within all leads and lifts.	2.03 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Cubic Metre	2335.00
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: (i) Cement mortar 1:6 (1 cement : 6 coarse sand)	1.08 Cum	7000.00	Rupees Seven Thousand Only	Per Cubic Metre	7560.00
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 (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal	1.73 Cum	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	11245.00
4	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. (i) Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	8.45 Sqm	5500.00	Rupees Five Thousand Five Hundred Only	Per Square Metre	46475.00
5	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick	100.00 Sqm	1300.00	Rupees One Thousand Three Hundred Only	per square meter	130000.00
6	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20microns over 5microns primer coating to back coat of polyester of 5microns over 5microns primer coating including fixing with self drilling screws complete with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in charge including cartage of materials upto all leads and lifts.	45.60 Sqm	1180.00	Rupees One Thousand One Hundred Eighty Only	Per Square Metre	53808.00
7	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete including cartage of materials upto all leads and lifts and as directed by the Engineer in Charge.	1824.00 KG.	115.00	Rupees One Hundred Fifteen Only	Per Kilogram	209760.00

8	Providing and fixing M.S. BP sheet 2mm thick fascia /soffits/ eaves board /ceiling fixed with angle iron frame. Including cutting, welding to steel roof members and applying a coat of red lead primer etc. (base members of steel work shall be measured and paid for separately)	3.80	Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Square Metre	6300.00
9	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) Flashings/ Aprons. (Up to 600 mm)	12.00	Rmt.	650.00	Rupees Six Hundred Fifty Only	Per Running Metre	7800.00
10	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP. PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	10.50	Sqm	650.00	Rupees Six Hundred Fifty Only	Per Square Metre	6825.00
11	Providing edge moulding to 20mm 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. (i) Granite work	9.10	Rmt.	250.00	Rupees Two Hundred Fifty Only	Per Running Metre	2275.00
12	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 lit/ 10 sqm over an under coat of primer applied @ 0.60 lit/ 10 sqm of approved brand and manufacture within all leads and lifts of materials and other incidentals.	45.60	Sqm.	75.00	Rupees Seventy Five Only	Per Square Metre	3420.00
	Quoted rate in figures.						Total 487803.00
	Quoted rate in words						
	Conditions:-						

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 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

Estimated Cost Rs. :- 271035.00
Earnest Money Rs. :- 5430.00

Time:- One Month.

Name of work: - Construction of Microbiology Lab. In Second Floor of Block-A IGMC Shimla. (Sh:- Aluminium work, Sunmica etc and other Balance work.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mited and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / paneling, C. P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : (i) For Fixed Portion (a) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	190.80 Kg.	680.00	Rupees Six Hundred Eighty Only	Per Kilogramme	129744.00
2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)	50.00 Kg.	690.00	Rupees Six Hundred Ninety Only	Per Kilogramme	34500.00
3	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	119.99 Sqm.	890.00	Rupees Eight Hundred Ninety Only	Per Square Metre	106791.00
	Quoted rate in figures.				Total	271035.00
	Quoted rate in words					
	Conditions:-					

- Rates should be quoted for all nights including all leads and lifts for internal and external works*
- Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HP PWD, Shimla - 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 conform to bureau of Indian standards*

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499825.00
Earnest Money Rs. :- 10000.00

Time:- One Month.

Name of work: - S/R to Block C and B at IGMC Shimla.(SH:- Renovation of toilet in Operation theater Block C, fixtures of toilet surgery ward 1 & 2 block C and fixtures of toilet at 2nd floor block B.)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1.00	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm	48.60 Sqm	40.00	Rupees Forty Only	Per square metre	1944.00
2.00	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)	2.92 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per cubic metre	3358.00
3.00	Preparing the surface to receive waterproofing treatment by removal of waste/ previous water proofing treatment and making surface ready to receive water proofing treatment, cleaning the surface with wire brushes to clean, smooth & dry, free from any loose particles / reinforcement bars / debris etc. Grooving and cleaning all the existing cracks and repairing them with polymer modified mortar, washing if required (to be decided by our site incharge) before applying water proofing coat. Providing and applying two coats of Brawnflex Prime primer as per site requirement and complete in all respect including carriage of materials in all leads and lifts at site as directed by the Engineer-in-charge allowing drying gap between successive coats.	5.00 Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	7500.00
4.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 20 mm nominal size)	1.46 Cum.	4350.00	Rupees Four Thousand Three Hundred Fifty Only	Per Cubic Metre	6351.00
5.00	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)	1.46 Cum.	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	9450.00
6.00	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 & shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts (i) Size of Tile 600x600 mm	14.58 Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	21870.00
7.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622. of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials in all leads and lifts (i) Size of Tile 600x300 mm	40.60 Sqm	1450.00	Rupees One Thousand Four Hundred Fifty Only	Per Square Metre	58870.00

8.00	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	13.00	Sqm.	1500.00	Rupees One Thousand Five Hundred Only	Per square metre	19500.00
9.00	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	10.00	Sqm.	1400.00	Rupees One Thousand Four Hundred Only	Per square metre	14000.00
10.00	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.	15.00	Rmt.	34.00	Rupees Thirty Four Only	Per Running Metre	510.00
11.00	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sumnica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	20.00	Sqm.	890.00	Rupees Eight Hundred Ninety Only	Per Square Metre	17800.00
12.00	Providing and fixing 12mm thick commercial board in ceiling with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame (Frame work Shall be Paid Separately) as per direction of Engineer - in Charge. including carriage of material in all leads and lifts	30.00	Sqm.	920.00	Rupees Nine Hundred Twenty Only	Per Square Metre	27600.00
13.00	Providing and fixing 4mm thick teak ply conforming to ISI in plain lining/paneling/under floors with necessary screws/nuts & bolts/ nails and fixed on wooden /steel frame work complete as per direction of Engineer-in- charge (Frame work shall be paid for separately) including carriage of materials within all leads and lifts.	30.00	Sqm.	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per Square Metre	37500.00
14.00	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade. with necessary screws etc. complete (i) 125mm	5.00	No	75.00	Rupees Seventy Five Only	Each	375.00
15.00	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade. with nuts and screws etc. complete(i) 250x16mm	5.00	No	250.00	Rupees Two Hundred Fifty Only	Each	1250.00
16.00	Painting two coat (excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering and stoping including carriage of materials within all leads and lifts in With white enamel paint	50.00	Sqm.	70.00	Rupees Seventy Only	Per square metre	3500.00
17.00	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	50.00	Sqm.	38.00	Rupees Thirty Eight Only	Per square metre	1900.00
18.00	Polishing on wood work with melamine polish of approved brand and manufacture (i) New work	30.00	Sqm.	350.00	Rupees Three Hundred Fifty Only	Per square metre	10500.00
19.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One or More Coat	50.00	Sqm.	65.00	Rupees Sixty Five Only	Per square metre	3250.00

20.00	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.	50.00	Sqm	10.00	Rupees Ten Only	Per Square Metre	500.00
21.00	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.	50.00	Sqm	60.00	Rupees Sixty Only	Per Square Metre	3000.00
22.00	Providing and laying granite stone in wall lining/ flooring etc. 20mm(average) thickness base of cement mortar 1:3 (1 cement:3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone including rubbing and polishing complete including carriage of materials within all leads and lifts:- 20mm thick.	1.00	Sqm	5500.00	Rupees Five Thousand Five Hundred Only	Per Square Metre	5500.00
23.00	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel tubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floor complete including carriage of materials within all leads and lifts.	61.00	Rmt	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	21350.00
24.00	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge:-110mm dia.	10.00	Rmt	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	3500.00
25.00	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge:-75 mm dia.	20.00	Rmt	300.00	Rupees Three Hundred Only	Per Running Metre	6000.00
26.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials within all leads and lifts complete in all respect as per the direction of Engineer - in Charge (i) 15 mm nominal bore	2.00	No.	150.00	Rupees One Hundred Fifty Only	Each	300.00
27.00	Providing and fixing 110mm nominal size PVC Plain Tee ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	5.00	No	350.00	Rupees Three Hundred Fifty Only	Each	1750.00
28.00	Providing and fixing 110mm nominal size PVC Plain Y-Tee ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	1.00	No	450.00	Rupees Four Hundred Fifty Only	Each	450.00
29.00	Providing and fixing 110mm nominal size PVC Digree Bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts	2.00	No	350.00	Rupees Three Hundred Fifty Only	Each	700.00
30.00	Providing and fixing 110mm nominal size PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	4.00	No	275.00	Rupees Two Hundred Seventy Five Only	Each	1100.00
31.00	Providing and fixing 110mm nominal size PVC plain Bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	4.00	No	325.00	Rupees Three Hundred Twenty Five Only	Each	1300.00
32.00	Providing and fixing 75 mm nominal size PVC Plain Tee ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	4.00	No	275.00	Rupees Two Hundred Seventy Five Only	Each	1100.00

33.00	Providing and fixing 110mm X 90mm nominal diameter PVC (Finlex) floor trap 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.	6.00	No	310.00	Rupees Three Hundred Ten Only	Each	1860.00
34.00	Providing and fixing 75mm nominal size PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	6.00	No	185.00	Rupees One Hundred Eighty Five Only	Each	1110.00
35.00	Providing and fixing 75mm nominal size PVC plain Bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.	3.00	No	225.00	Rupees Two Hundred Twenty Five Only	Each	675.00
36.00	Providing and fixing 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:-75 mm dia.	2.00	No	250.00	Rupees Two Hundred Fifty Only	Each	500.00
37.00	Providing and fixing 10 litre capacity PTMT low level flushing cistern complete with fitting such as syphonic arrangement 15 mm nominal size brass wall valve with polythin float union and coupling for connection with inlets and outlet and overflow pipe etc. including cutting holes and walls and making good the same including entire carriage of materials in all leads and lifts.: Hindware Sleek essence white	7.00	No	1800.00	Rupees One Thousand Eight Hundred Only	Each	12600.00
38.00	Providing and fixing vitreous China wash, down water closet (English Type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seat and coveto be paid for separately including carriage of materials within all leads and lifts:- English seat Hindware 20012 white	4.00	No	1800.00	Rupees Eight Thousand Only	Each	32000.00
39.00	Providing and fixing vitreous China wash, down water closet (Indian Type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seat and coveto be paid for separately including carriage of materials within all leads and lifts:- Indian seat Hindware 20012 white	1.00	No	2600.00	Rupees Two Thousand Six Hundred Only	Each	2600.00
40.00	Providing and fixing Solid Type plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers including carriage of materials within all leads and lifts :- White plastic seat and cover.	6.00	No	650.00	Rupees Six Hundred Fifty Only	Each	3900.00
41.00	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.	6.00	Nos.	450.00	Rupees Four Hundred Fifty Only	Each	2700.00
42.00	Providing and fixing counter top vitreous China wash basin of Hindware or equivalent cat no. 10065 including cutting holes and making good the same but excluding fittings including carriage of materials within all leads and lifts.	1.00	No.	3800.00	Rupees Three Thousand Eight Hundred Only	Each	3800.00
43.00	Providing and fixing 550mm X400mm flat back vitreous China wash basin with single hole for pillar tap with C.I. or M.S.brackets painted white Catlog No.(10098) Including cutting holes and making good the same but excluding fittings including carriage of materials within all leads and lifts.	3.00	No.	3500.00	Rupees Three Thousand Five Hundred Only	Each	10500.00
44.00	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts. Cat No.(11032)	3.00	No.	3500.00	Rupees Three Thousand Five Hundred Only	Each	10500.00

45.00	Providing and fixing CP Brass sink mixer of quality & make as approved by Engineer in charge, including carriage of materials within all leads and lifts complete (i) 15mm nominal bore Primus Cat no. P-127	3.00	No.	3500.00	Rupees Three Thousand Five Hundred Only	Each	10500.00
46.00	Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts.: Primus Cat no. P-112	31.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	26350.00
47.00	Providing and fixing C.P. brass two way angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts.: Primus Cat no. P-112 A	3.00	No.	1600.00	Rupees One Thousand Six Hundred Only	Each	4800.00
48.00	Providing and fixing C.P. brass bib cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts. Primus Cat no. P-103	7.00	No.	950.00	Rupees Nine Hundred Fifty Only	Each	6650.00
49.00	Providing and fixing 450/ 600mm length PVC connection pipe hot and cold water with brass unions 15 mm nominal bore.	23.00	No.	315.00	Rupees Three Hundred Fifteen Only	Each	7245.00
50.00	Providing and fixing Soap dish AC-103 with fitting complete including carriage of materials within all leads and lifts.	9.00	No.	500.00	Rupees Five Hundred Only	Each	4500.00
51.00	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials within all leads and lifts.	5.00	No.	1050.00	Rupees One Thousand Fifty Only	Each	5250.00
52.00	Providing and fixing 32 mm dia P.V.C. waste pipe Viking for sink or wash basin including P.V.C. waste fittings complete including carriage of materials within all leads and lifts.	8.00	No	120.00	Rupees One Hundred Twenty Only	Each	960.00
53.00	Providing and fixing 100mm C.P. grating viking for floor or nahani trap including carriage of materials within all leads and lifts.	15.00	No	145.00	Rupees One Hundred Forty Five Only	Each	2175.00
54.00	Providing and fixing 32mm dia C.P. waste for wash basin or sink including carriage of materials within all leads and lifts.	8.00	No.	275.00	Rupees Two Hundred Seventy Five Only	Each	2200.00
55.00	Providing and fixing towel rod Ac 101 including carriage of materials within all leads and lifts.	5.00	No	1200.00	Rupees One Thousand Two Hundred Only	Each	6000.00
56.00	Providing and fixing towel ring Ac 102 including carriage of materials within all leads and lifts.	4.00	No	1000.00	Rupees One Thousand Only	Each	4000.00
57.00	Providing and fixing CP Extension nipple 15mmX 25mm including carriage of materials within all leads and lifts.	39.00	No	90.00	Rupees Ninety Only	Each	3510.00
58.00	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 (a) Kitchen sink with drain board (i) 610x510 mm bowl depth 200	2.00	No.	3261.05	Rupees Three Thousand Two Hundred Sixty One and Paise Five Only	Each	6522.00
59.00	Providing and fixing Single lever Divertor body including carriage of materials within all leads and lifts. Cat No. B2V202	4.00	No	3900.00	Rupees Three Thousand Nine Hundred Only	Each	15600.00
60.00	Providing and fixing Upper part of Single lever Divertor body including carriage of materials within all leads and lifts. Cat No. P-331P	4.00	No	1200.00	Rupees One Thousand Two Hundred Only	Each	4800.00

61.00	Providing and fixing Over head shover including carriage of materials within all leads and lifts Cat No. BHOH1010	4.00	No	1800.00	Rupees One Thousand Eight Hundred Only	Each	7200.00
62.00	Providing and fixing shover Arm including carriage of materials within all leads and lifts. Cat No. SA105N	4.00	No	1300.00	Rupees One Thousand Three Hundred Only	Each	5200.00
						Total	499825.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii) Usual materials will be handed over to the Assistant Engineer, Medical College Sub Division HPPWD, Shimla-1 otherwise credit for usual materials will be charged

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 470779.00
 Earnest Money Rs. :- 9416.00
 Time:- One Month.

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Repair of door shutters, cupboard, realr of tile, and sanitary fittings etc In set no 603 MLA Hostel at New Metropole Shimla)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Demoishing 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 (1/c equivalent design mix)	cum	1150.00	Rupees One Thousand Hundred Fifty Only	cubic	3025.00
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm.	sqm	40.00	Rupees Forty Only	Per Sq Metre	2670.00
3	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 40mm nominal size) including carriage of materials within all leads and lifts.	Cum.	1500	Rupees Five Thousand Five Hundred Only	cubic	11055.00
4	Centering and shuttering including strutting, propping Suspended floors, roofs, landings, balconies and access platform	sqm	380.00	Rupees Three Hundred Eighty Only	Per Sq Metre	912.00
5	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	kg	90.00	Rupees Ninety Only	Per kilogram	2250.00
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :- 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts	CUM	6500.00	Rupees Six Thousand Five Hundred Only	cubic	1170.00
7	Half brick masonry with common bunt clay F.P.S. (nonmodular) bricks of class designation 7.5 in foundations cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts	sqm	1020.00	Rupees One Thousand Twenty Only	Per Sq Metre	7018.00
8	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood. including carriage of materials within all leads and lifts.	CUM	97000.00	Rupees Niney Seven Thousand Only	cubic	4171.00
9	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws, 40mm thick 2nd class deodar wood, including carriage of materials within all leads and lifts.	sqm	4500.00	Rupees Four Thousand Five Hundred Only	Per Sq Metre	14265.00.



10	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc including carriage of materials within all leads and lifts.	17.26	sqm	1400.00	Rupees Thousand Four	One Per Sq Metre	24164.00
11	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts.	27.01	sqm	1500.00	Rupees Thousand One	One Per Sq Metre	40515.00
12	Providing and fixing 6 mm plywood of standard quality ISI mark and approved shade and colour inpaneling & wall lining i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	27.01	sqm	890.00	Rupees Hundred Sixty	Six Per Sq Metre	5896.00
13	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality 1.0 mm thick	106.16	Rmt/r	50.00	Rupees Fifty	Fifty Per running metre	5308.00
14	Providing and fixing square edges cover fillits (beading) 30mmx5mm section i/c mitring at junctions withwood screws and nails complete. 1st class deodar wood. including carriage of materials within all leads and lifts.	1.00	No	250.00	Rupees Hundred Only	Two Each	250.00
15	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. including carriage of materials within all leads and lifts	4.00	No	95.00	Rupees Five Only	Niney Each	380.00
16	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. 150x10 mm complete : including carriage of materials within all leads and lifts	4.00	No	75.00	Rupees Five Only	Seventy Each	300.00
17	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. 125 mm complete : including carriage of materials within all leads and lifts.	45.00	No	150.00	Rupees Hundred Only	One Each	6750.00
18	Providing and fixing bright finished brass handles with screws etc. complete: 100 MM. including carriage of materials within all leads and lifts.	30.00	No	40.00	Rupees Hundred Only	Forty Each	1200.00
19	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Triple strip vertical type including carriage of materials within all leads and lifts.	18.01	Sqm	1300.00	Rupees Thousand One	One Per Square	23413.00
20	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. 500 x 500mm. including carriage of materials within all leads and lifts.				Rupees Thousand Three		

22	Providing and laying Vitrified tiles in different sizes/thickness to be specified by manufacturer, with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete 500x500 mm, including carriage of materials within all leads and lifts.	sqm	1400.00	Rupees Thousand Four Hundred Only	One Per Square Four metre	85232.00
23	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts.	sqm	5500.00	Rupees Thousand Five Hundred Only	Five Per Square Five metre	16610.00
24	15mm cement plaster on the rough side of single or half brick wall of mix 1:6 (1 cement: 6 fine sand) including carriage of materials within all leads and lifts.	Sqm.	270.00	Rupees Hundred Seventy Only	Two Per square Per metre	6140.00
25	Applying priming coat with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	Sqm.	40.00	Rupees Forty Only	Per Square metre	3078.00
26	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the wood surface to prepare the surface even and smooth complete, including carriage of materials within all leads and lifts.	Sqm.	60.00	Rupees Sixty Only	Per Square metre	5982.00
27	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 lit/10 sqm over an under coat of primer applied @0.75 lit/10 sqm of approved brand and manufacture, including carriage of materials within all leads and lifts.	Sqm.	75.00	Rupees Seventy Five Only	Per Square metre	5772.00
28	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade. One or more coats on new work, including carriage of materials within all leads and lifts.	Sqm.	60.00	Rupees Sixty Only	Per Square metre	1364.00
29	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade. One or more coats on old work, including carriage of materials within all leads and lifts.	Sqm	60.00	Rupees Sixty Only	Per Square metre	15031.00
30	Removing dry or oil bound washable distemper by washing and scraping the surface smooth, including carriage of materials within all leads and lifts.	Sqm.	10.00	Rupees Ten Only	Per Square metre	1503.00
31	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.	Sqm	60.00	Rupees Sixty Only	Per Square metre	4093.00
33	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. 15 mm dia nominal bore, including carriage of materials within all leads and lifts, internal work.	Rmt	350.00	Rupees Hundred Three Only	Per running metre	10857.00

34	Disposal of moonrum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.	5.30	CUM	750.00	Rupees Hundred	Seven Fifty	Per Metre	cuic	3975.00
35	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) : 15 mm nominal bore. including carriage of materials within all leads and lifts.	4.00	No	150.00	Rupees Hundred	One Fifty	Each		600.00
36	Providing and fixing PVC floor trap (SI) 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 mm X 75mm.	5.00	No	275.00	Rupees Hundred	Two Seventy	Each		1375.00
37	Providing and fixing high pressure PVC (linolex) Type 'A' and socket waise and ventilating pipe including with approve adhesive complete i) 75 mm nominal inner dia Pipes, complete including carriage of materials within all leads and lifts	13.85	No	325.00	Rupees Hundred	Three Twenty	Each		4501.00
38	Providing and fixing PVC single equal branch plain ISI marked etc complete 75 mm dia complete including carriage of materials within all leads and lifts	5.00	No	300.00	Rupees Hundred	Three Only	Each		1500.00
39	Providing and fixing PVC door bend ISI marked including fixing with approved adhesive etc complete. 75 mm dia complete including carriage of materials within all leads and lifts	3.00	No	250.00	Rupees Hundred	Two Fifty	Each		750.00
40	Providing and fixing PVC plan bend ISI marked including fixing with approved adhesive etc complete. 75 mm dia. complete including carriage of materials within all leads and lifts	6.00	No	225.00	Rupees Hundred	Two Twenty	Each		1350.00
41	Providing and fixing PVC collar ISI marked including fixing with approved adhesive etc complete. 75 mm dia. complete including carriage of materials within all leads and lifts	12.00	No	185.00	Rupees Hundred	One Eighty	Each		2220.00
42	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast iron P or S trap, 10 litre low level white P.V.C. flushing cistern, complete including carriage of materials within all leads and lifts. 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 OPC Aspro 220 Cat No. 92048.	2.00	No	14430.00	Rupees Thousand	Fourteen Four	Each		28860.00
43	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require. White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps Cat No. 10098 made Hindware.	2.00	No	3590.00	Rupees Thousand	Three Five	Each		7180.00
44	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. Cat No. 11032, complete including carriage of materials within all leads and lifts	2.00	No	3540.00	Rupees Thousand	Three Forty	Each		7080.00
45	Providing and fixing ESS ESS stop cock of approved colour and quality Cat no T-112, complete including carriage of materials within all leads and lifts	17.00	No	810.00	Rupees Hundred	Eight Ten	Each		13770.00

45	Providing and fixing C.P. brass bib cock with wall Flange of approved quality conforming to IS 8931. 15 mm nominal bore Cat No. T-1030 complete including carriage of materials within all leads and lifts	2.00	No	1100.00	Rupees Thousand One Hundred Only	One Each	2200.00
47	Providing and fixing mixer with non telephonic shower arrangement wall mixer with shower ESS ESS made cat no T-121 complete including carriage of materials within all leads and lifts	2.00	No	3550.00	Rupees Thousand Three Hundred Fifty Only	Three Each	7100.00
48	Providing and fixing WASH BASIN mixer of quality & make as approved by Engineer in charge. Of 15mm nominal size Cat no CAT T-118 complete including carriage of materials within all leads and lifts	3.00	No	3075.00	Rupees Thousand Seventy Only	Three Each	9225.00
49	Providing and fixing kitchen sink mixer of quality & make as approved by Engineer in charge. Of 15mm nominal size Cat no CAT T-127. complete including carriage of materials within all leads and lifts	2.00	No	3450.00	Rupees Thousand Four Hundred Fifty Only	Three Each	6900.00
50	Providing and fixing ESS ESS make C-230B 15mm nominal bore waste coupling including carriage of materials within all leads and lifts. Viking Make.	3.00	No	450.00	Rupees Hundred Only	Four Each	1350.00
51	Providing and fixing Polyvinyl Chloride (PVC) pipes 32mm Dia for wash basin or sink including carriage of materials within all leads and lifts cat no 4921.	3.00	No	120.00	Rupees Hundred Twenty Only	One Each	360.00
52	Providing and fixing C.P. grating for floor or nahani trap with hole & without hole viking make cat no 40905 & 40906	6.00	No	138.00	Rupees Hundred Thirty Only	One Each	828.00
53	Providing and fixing bevelled mirror 600 x450 mm 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. exotic make	3.00	No	1000.00	Rupees Thousand Only	One Each	3000.00
55	Providing and fixing ESS ESS soap Dish ESS ESS make cat no 703. including carriage of materials within all leads and lifts	6.00	No	240.00	Rupees Hundred Only	Two Each	1440.00
56	Providing and fixing acrylic corner set of superior quality including carriage of materials within all leads and lifts	2.00	No	550.00	Rupees Hundred Fifty Only	Five Each	1100.00
57	Providing and fixing ESS ESS make cat no AC 702 towel ring complete with brackets including carriage of materials within all leads and lifts	4.00	No	800.00	Rupees Hundred Only	Eight Each	3200.00
58	Providing and fixing ESS ESS AC - 701 towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour	6.00	No	980.00	Rupees Hundred Eighty Only	Nine Each	5880.00
59	Providing and fixing pura like health faucet with ppe and hook ESS ESS make CAT NO c232Y. including carriage of materials within all leads and lifts	2.00	No	1050.00	Rupees Thousand Fifty Only	One Each	2100.00
60	Providing and fixing uplasticised c.p connection pipe with brass unions 15 mm nominal bore 30 cm length ESS ESS make cat no 3018. including carriage of materials within all leads and lifts	16.00	No	245.00	Rupees Hundred Fifty Only	Two Each	3920.00

61	Providing and fixing C.P wall flange /cap 15mm nominal bore with fittings including carriage of materials within all leads and lifts viking make cat no 12930. including carriage of materials within all leads and lifts	17.00	No	100.00	Rupees One Hundred Only	Each	1700.00
62	Providing and fixing extension nipple viking make cat no 22011 of 1" size. including carriage of materials within all leads and lifts	10.00	No	35.00	Rupees Fifty Only	Thirty Each	350.00
63	Providing and fixing extension nipple viking make cat no 22011 of 1.5" size. including carriage of materials within all leads and lifts	7.00	No	86.00	Rupees Six Only	Eighty Each	602.00
64	Providing and fixing over head shower of superior quality of ess ess make cat no OH 107 including carriage of materials within all leads and lifts	2.00	No	1275.00	Rupees Thousand Hundred Seventy Five Only	One Two Each	2550.00
65	Providing and fixing CP wall mixer with bend of quality & make as approved by Engineer in charge. Of 15mm nominal size Cat no CAT T-122	2.00	No	4700.00	Rupees Thousand Four Hundred Only	Each	9400.00
Quoted rate in words							Total 470779.00
Conditions:-							
i	Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						
ii	Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.						


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


SCHEDULE OF QUANTITY

Estimated Cost Rs - 374937 00

Earnest Money Rs - 7499 00

Time - One Month

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Repair of cupboards in kitchen (Modular) and rooms in set no 306 & 201 in block-O and block A in New MLA Hostel at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate	Unit	Amount	
			In figures	In words		
1	Providing and fixing 6 mm plywood of standard quality ISI mark and approved shade and colour in panelling & wall lining i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	22.01	sqm	650.00	Rupees Six Hundred Fifty Only Per square metre.	14307 00
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts	60.40	Sqm.	1400.00	Rupees One Thousand Four Hundred Only Per square metre.	84560 00
3	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts.	22.23	Sqm.	1500.00	Rupees One Thousand Five Hundred Only Per square metre.	33345 00
4	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality- 1.0 mm thick complete including carriage of materials within all leads and lifts.	200.50	Sqm.	890.00	Rupees Eight Hundred Ninety Only Per square metre.	178445 00
5	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer- in-charge	12.00	No.	320.00	Rupees Three Hundred Twenty Only Per Set	3840 00
6	Providing and fixing 125 mm size bright /matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete including carriage of materials within all leads and lifts.	51.00	No.	175.00	Rupees One Hundred Seventy Five Only Each	8925 00
7	Providing and fixing steel cutlery tray for modular kitchen of size 15x20x4" complete including carriage of material in all leads and lifts.	2.00	No.	2000.00	Rupees Two Thousand Only Each	4000 00
8	Providing and fixing steel cutlery tray for modular kitchen of size 17x20x4" complete including carriage of material in all leads and lifts.	2.00	No.	2300.00	Rupees Two Thousand Three Hundred Only Each	4600 00
9	Providing and fixing steel cutlery basket for modular kitchen of size 15x20x6" complete including carriage of material in all leads and lifts.	2.00	No.	1305.00	Rupees One Thousand Three Hundred Five Only Each	2610 00

10	Providing and fixing steel cutlery tray for modular kitchen of size 17x20x6" complete including carriage of material in all leads and lifts.	2.00	No.	1680.00	Rupees Thousand Hundred Only	One Six Eighty	Each	3360.00
11	Providing and fixing steel cutlery basket for modular kitchen of size 15x20x8" complete including carriage of material in all leads and lifts.	2.00	No.	1680.00	Rupees Thousand Hundred Only	One Six Eighty	Each	3360.00
12	Providing and fixing steel cutlery basket for modular kitchen of size 17x20x8" complete including carriage of material in all leads and lifts.	2.00	No.	1800.00	Rupees Thousand Hundred Only	One Eight	Each	3600.00
13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within all lead : including carriage of materials within all leads and lifts.	10.00	No	70.00	Rupees Only	Seventy	Each	700.00
14	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows Including black enamelled iron butt hinges with necessary screws etc. complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	2.16	Sqm	4500.00	Rupees Thousand Hundred Only	Four Five	Per square metre.	9720.00
15	Providing and fixing magnetic catcher of approved quality in cupboard / wardrobe shutters, including fixing with necessary screws etc. complete. Triple strip vertical type including carriage of materials within all leads and lifts.	72.00	No	40.00	Rupees Only	Forty	Each	2880.00
16	Providing and fixing Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching wood beading. complete including carriage of materials within all leads and lifts	11.24	Sqm.	850.00	Rupees Hundred Fifty Only	Eighty	Per Square metre	9554.00
Quoted rate in words								Total
Quoted rate in words								367806.00
Conditions:-								

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

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. 321572.00
 Earnest Money Rs. 6431.00
 Time: One Month

Name of work: - S/R to H.P. State Museum building at Chaura Maidan Shimla-4 (S/R: Providing and Fixing HDF Flooring in Indian gallery, Hall of Fame etc)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing 12mm thick shuttering ply/ water proof ply of standard quality ISI mark and approved shade and colour in paneling & wall lining etc mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	22.63	Sqm.	Rupees One Thousand Fifty Only	Per square metre.	23762.00
2	Providing and fixing HDF decorative laminate core board German flooring AC4 class 32, 7mm thick placed over cushion of 2mm thick expanded polisthene foam plus 100 Microne thick polisthene 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.	114.20	Sqm.	Rupees Thousand Three Hundred Fifty Only	Per square metre.	268370.00
3	Providing and Fixing 8mm thick profile for under laying with S/R carpet layer as per directed by Engineer-in-charge including carriage of materials within all leads and lifts.	8.70	Sqm.	Rupees Hundred Only	Two Per square Eighty metre.	2436.00
4	Providing and fixing 40mm X 40mm wooden moulded corner beading of triangular shape to the junction of paneling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete including carriage of materials within all leads and lifts. 2nd class teak wood	112.80	Rmt.	Rupees Hundred Five Only	Two Per running Twenty metre	25380.00
5	Polishing two coats with mahaline 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.	4.51	Sqm.	Rupees Hundred Sixty Only	Three Per square metre.	1624.00
Total						321572.00
Quoted rate in words						
Quoted rate in Figure						
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 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.
KV

SCHEDULE OF QUANTITY

26

Estimated Cost Rs 263906.00
 Earnest Money Rs 5278.00
 Time One Month

Name of work: - S/R to H.P State Museum at Chaura Maldan Shimla. (Sh:- Painting and Distemping outside)

Sl. No.	Items of work	Quantity	Rate	Unit	Amount
			In figures	In words	
1	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	628.23 Sqm.	10.00	Rupees Ten Only	6282.00
2	Painting wood work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	1413.96 Sqm	55.00	Rupees Fifty Five Only	77768.00
3	Painting steel work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	90.65 Sqm	55.00	Rupees Fifty Five Only	4986.00
4	Metamime polishing on wood work (one or more coat) complete including carriage of material within all leads and lifts as per direction of Engineer-in-Charge	113.48 Sqm.	240.00	Rupees Two Hundred Forty Only	27235.00
5	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied) including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	1570.58 Sqm	70.00	Rupees Seventy Only	109941.00
	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.	628.23 Sqm	60.00	Rupees Sixty Only	37694.00
	Total				263906.00
	Quoted rate In words				
	Quoted rate In Figure				
	Conditions:-				
i	Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.				
ii	Sample of all the materials to be used on work shall be get approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.				

Executive Engineer
 Shimla Division No.III
 H.B.PWD. Shimla-3.

SCHEDULE OF QUANTITY

207

Estimated Cost Rs. :- 449782.00
Earnest Money Rs. :- 9000.00

Time:- Three Month.

Name of work: - A/R & M/O to Medical College at IGMC, Shimla (SH:- Dismantling Wall/ Tiles/ door, steel work, Plaster etc. at Forensic Department)

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount
1	2	3	In figure	In words	6	7
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within all lead as per direction of Engineer-in-charge including carriage of materials in all leads and lifts (i) In cement mortar	14.74	Cum	Rupees Nine Hundred Fifty Only	Per Cubic Metre	14003.00
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:- For thickness of tiles 10mm to 25mm complete including carriage of materials within all leads and lifts.	38.14	Sqm	Rupees Forty Only	Per square meter	1526.00
3	Dismantling doors, windows and derestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead (i) Of area beyond 3 sq. metres	22.00	Nos.	Rupees One Hundred Fifty Only	Each	3300.00
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 20mm nominal size) complete within carriage of material in all leads and lifts.	5.10	Cum	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	33150.00
5	Half brick masonry with common burnt clay F.P.S. (non modular) brcks of class designation 7.5 in superstructure above plinth level up to floor V level:- Cement mortar 1:4 (1 cement :4 coarse sand) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	4.86	Sqm	Rupees One Thousand Fifty Only	Per Square metre	5103.00
6	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts (i) 1:6 (1 cement: 6 fine sand)	30.81	Sqm.	Rupees Two Hundred Seventy Only	Per Square Metre	8319.00
7	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete in all respects as directed by the Engineer-in-charge Including carriage of materials in all leads and lifts.	300.00	Kg.	Rupees One Hundred Five Only	Per Kilogramme	31500.00
8	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622. of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete (i) Size of Tile 500x500 mm	30.80	Sqm	Rupees One Thousand Four Hundred Only	Per Square Metre	43120.00

9	Providing and laying Glazed Ceramic Wall tiles of size 600x450 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete within carriage of material in all leads and lifts.	21.09	Sqm	1200.00	Rupees One Thousand Two Hundred Only	Per Square Metre	25308.00
10	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : (i) 4.0 mm thick glass panes	31.20	Sqm	850.00	Rupees Eight Hundred Fifty Only	Per Square Metre	26520.00
11	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer-in-charge.	44.52	Sqm	4400.00	Rupees Four Thousand Four Hundred Only	Per Square Metre	195888.00
12	Providing and fixing wash basin with single hole 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;(i) White Vitreous China Wash basin size 630x450 mm with 15 mm C.P. brass pillar tap including carriage of materials within all leads and lifts.	2.00	No.	2800.00	Rupees Two Thousand Eight Hundred Only	Each	5600.00
13	Providing and fixing Stainless Steel A ISI 304 (18/8) Kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required (i) Kitchen sink without drain board 510x510 mm bowl depth 200 mm	1.00	No.	3300.00	Rupees Three Thousand Three Hundred Only	Each	3300.00
14	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan,including carriage of materials within all leads and lifts.	2.00	No.	2200.00	Rupees Two Thousand Two Hundred Only	Each	4400.00
15	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete,including carriage of materials within all leads and lifts.(i) 10 litre capacity - White	2.00	No.	1600.00	Rupees One Thousand Six Hundred Only	Each	3200.00
16	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.	1800.00	Rupees One Thousand Eight Hundred Only	Each	3600.00

17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.: 20 mm nominal outer dia Pipes.	16.90	Rmt.	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	5915.00
18	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. including carriage of materials within all leads and lifts complete: (i) 15mm dia	4.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	3400.00
19	Providing and fixing CP. brass stop cock of approved quality including carriage of materials within all leads and lifts complete (i) 15 mm nominal bore	4.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	3400.00
20	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	6.00	No.	780.00	Rupees Seven Hundred Eighty Only	Each	4680.00
21	Providing and fixing C.P. brass Wall Mixer of approved quality cat No BS-15A* including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	2.00	No.	4375.00	Rupees Four Thousand Three Hundred Seventy Five	Each	8750.00
22	Providing and fixing C.P. brass Sink Mixer of approved quality cat No ND-17* including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	3.00	No.	4540.00	Rupees Four Thousand Five Hundred Forty Only	Each	13620.00
23	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	4.00	No.	95.00	Rupees Four Ninety Five Only	Each	380.00
24	Providing and fixing uplasticsed PVC connection pipe with brass unions .45 cm length (i) 15 mm Nominal Bore	12.00	No	150.00	Rupees One Hundred Fifty Only	Each	1800.00
						Total	449782.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii Useful materials will be handed over to the Assistant Engineer, Medical College 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 conform to Bureau of Indian standards.

iv All Stains of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499889.00
Earnest Money Rs. :- 10000.00

Time:- Three Month.

Name of work: - Special repair to residential Building Block-A Type-III at Holloak Sanjauli Shimla.(Sh:- Dismantling CGI Sheet roofing , Providing and Fixing Prepainted CGI. Sheets roofing, MS. BP. Sheet in ceiling and eaves Board etc.Complete)

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3	4	5	6	7	8
1	Dismantling roofing including ridges, hips, valleys and gutters etc and stacking the material within all leads of G.S. Sheet including carriage of materials within all leads and lifts. (i) G.S. Sheet	574.68	Sqm	120.00	Rupees One Hundred Twenty Only	Per square meter.	68962.00
2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in beams joists, chanel, angles, tees, flats with connection plates or angle cleats as in main and cross beams, hip and jack rafter, purlins connected to common rafters and the like including carriage of materials in all leads and lifts.	1747.54	Kg	105.00	Rupees One Hundred Five Only	Per Killogramme	183492.00
3	Providing and fixing precasted galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	97.10	Sqm	1180.00	Rupees One Thousand One Hundred Eighty Only	Per Square Metre	114578.00
4	Providing and fixing precasted galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness. Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete. (i) Ridges plain (500 - 600mm)	32.80	Sqm	700.00	Rupees Seven Hundred Only	Per square meter	22960.00
5	Providing and fixing M.S. BP sheet up to 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting , fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge including entire carriage of materials in all leads and lifts	55.90	Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Per square metre	97825.00
6	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on steel and steel Based Surfaces. (i) Two or more coats on New work	55.90	Sqm	65.00	Rupees Sixty Five Only	Per Square Metre	3634.00

7	Providing Scaffolding for all kind of works in Multistory Building up to all floor high/ levels	70.32	Sqm	120.00	Rupees One Hundred Twenty Only	per square meter	8438.00
8	Bamboo complete tiled with rope on joints and pedestal of CGI Sheet etc. in all respect including carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.						
	Quoted rate in figures.					Total	499889.00
	Quoted rate in words						
	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, Medical College Sub Division HPPWD, Shimla-1 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 conform to bureau of Indian standards.

All Stains of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

RECEIVED BY MR. S. S. SINGH
11/11/2017

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 447230.00
Earnest Money Rs. :- 8950.00

Time :- Three Month.

Name of work: - A/R & M/o to Cancer Hospital at IGM. Shimla(Sh:- C/O Retaining wall Behind the Old Existing Building of Cancer Hospital at RD. 0/00 to 0/12.50)

S.No.	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
1	2	3	4	5	6	7	8
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. (i) All kinds of soil	56.05	cum.	350.00	Rupees Three Hundred Fifty Only	Per Cubic Metre	19618.00
2	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 filets, kerbs and steps etc.	76.84	Sqm	300.00	Rupees Three Hundred Only	Per square meter	23052.00
3	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 20 mm nominal size)	79.82	Cum	5000.00	Rupees Five Thousand Only	Per Cubic Metre	399100.00
4	Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment ,wing wall return wall with 100 mm (one hundred millimetre) dia ,PVC pipe extending through the full width of the structure with slope of 1(v) : 20 (Twenty) (h) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-In-Charge.	36.40	Rmt.	150.00	Rupees One Hundred Fifty Only	Per Running metre	5460.00
Quoted rate in figures.						Total	447230.00
Quoted rate in words							
Conditions:-							

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 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

iv All Stains of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

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

SCHEDULE OF QUANTITY

20

Estimated Cost Rs. :- 212743.00
Earnest Money Rs. :- 4260.00

Time:- One Month.

Name of work: - Construction of two nos toilet near police room at main Entry IGMC Shimla.(SH:- Demolition, Tile work, WS and SI fittings etc.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1.00	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within all lead. For thickness of tiles 10 mm to 25 mm	31.80 Sqm	40.00	Rupees Forty Only	Per square metre	1272.00
2.00	Demolishing cement concrete manually/ by mechanical means including disposal of material within all lead as per direction of Engineer - in charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	4.20 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per cubic metre	4830.00
3.00	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in cement mortar 1:4 (1 cement : 4 coarse sand), including carriage of materials in all leads and lifts	9.00 Sqm	950.00	Rupees Nine Hundred Fifty Only	Per Square Metre	8550.00
4.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level (i) 1:6:12 (1 cement : 6 coarse sand): 12 graded stone aggregate 20 mm nominal size)	1.35 Cum.	3750.00	Rupees Three Thousand Seven Hundred Fifty Only	Per Cubic Metre	5063.00
5.00	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:4:8 (1 cement : 4 coarse sand) : 8 graded stone aggregate 20 mm nominal size)	1.02 Cum.	5200.00	Rupees Five Thousand Two Hundred Only	Per Cubic Metre	5304.00
6.00	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	15.90 Sqm	380.00	Rupees Three Hundred Eighty Only	Per Square Metre	6042.00
7.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts (i) Size of Tile 300x300 mm	6.75 Sqm	1400.00	Rupees One Thousand Four Hundred Only	Per Square Metre	9450.00
8.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials in all leads and lifts (i) Size of Tile 300x450 mm	46.20 Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	69300.00

3.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhatas, architrave, holdfasts etc. complete and stacking within 50 metres lead .(i) Of area 3 sq. metres and below	1.00	No	150.00	Rupees One Hundred Fifty Only	Each	150.00
10.00	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position: including carriage of materials with in all leads and lifts. (a) Second Class Deodar Wood	0.052	Cum.	97000.00	Rupees Ninety Seven Thousand Only	Per Cubic Metre	5044.00
11.00	Providing and fixing paneled glazed or paneled and glazed shutters for doors, windows and clerestory windows including black enameled iron butt hinges with necessary screws. with in all leads and lifts. (i). 40mm thick (a) Second Class Deodar Wood	1.64	Sqm	4500.00	Rupees Four Thousand Five Hundred Only	Per Square Metre	7380.00
12.00	Disiempering with 1st quality acrylic disiember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade .(i) Old work (one or more coats)	22.65	Sqm	45.00	Rupees Forty Five Only	Per Square Metre	1019.00
13.00	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer	22.65	Sqm	38.00	Rupees Thirty Eight Only	per square meter	861.00
14.00	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials within all leads and lifts.	22.65	Sqm.	60.00	Rupees Sixty Only	per square meter	1359.00
15.00	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering and knotting including carriage of materials within all leads and lifts in Readymixed paint brushing with white lead for priming.	4.26	Sqm	38.00	Rupees Thirty Eight Only	Per square metre	162.00
16.00	Painting two coat (excluding priming coat)on new wood and wood based surface with enamel paint to give an even shade Including cleaning the surface of dirt, dust and other foreign matter, sand papering and stoping including carriage of materials within all leads and lifts in With white enamel paint.	4.26	Sqm.	70.00	Rupees Seventy Only	Per square metre	298.00
17.00	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts:-With white enamel paint.	4.26	Sqm.	60.00	Rupees Sixty Only	Per square metre	255.00
18.00	Disposal of moorum / Building rubbish/ Malba/ Similar unserviceable , dismantled or waste material by mechanical Transport including loading, trasporting, unloading to approved municipal dumping ground for lead up to 10.0 Km. for all leafs, Complete as per directions of Engineer-in- Charge Note:- Item to be applicable in urban Areas having directions for restricted hours for movement/ plying of load Carrying motor vehicle of 3.5 Cum. or More.	5.79	Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	4343.00
19.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plan & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.: 20 mm nominal outer dia Pipes	50.00	Rmt	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	17500.00

20.00	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes (5) marked including fixing with approved adhesive etc. complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge (i) 110mm dia	3.00	Permt	225.00	Rupees Five Hundred Only	Permt	450.00
	(ii) 75 mm dia	6.00	Permt	325.00	Rupees Three Hundred Twenty Five Only	Permt	1575.00
21.00	Providing and fixing PVC collars (5) marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm dia	5.00	No.	275.00	Rupees Two Hundred Seventy Five Only	Each	1375.00
	(ii) 75 mm dia	5.00	No.	185.00	Rupees One Hundred Eighty Five Only	Each	925.00
22.00	Providing and fixing PVC plain Band (5) marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm dia	3.00	No.	325.00	Rupees Three Hundred Twenty Five Only	Each	975.00
	(ii) 75 mm dia	3.00	No.	225.00	Rupees Two Hundred Twenty Five Only	Each	675.00
23.00	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts (5) marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 100mm Dia	1.00	Nos.	350.00	Rupees Three Hundred Fifty Only	Each	350.00
	(ii) 75mm Dia	1.00	Nos.	250.00	Rupees Two Hundred Fifty Only	Each	250.00
24.00	Providing and fixing PVC Finolex single equal branch complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 100mm Dia	1.00	Nos.	400.00	Rupees Four Hundred Only	Each	400.00
	(ii) 75mm Dia	1.00	Nos.	300.00	Rupees Three Hundred Only	Each	300.00
25.00	Providing and fixing 110mm X 80mm nominal diameter PVC (Finolex) floor trap 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.	8.00	No.	310.00	Rupees Three Hundred Ten Only	Each	1990.00

26.00	Providing and fixing vitreous China wash, down water closet (Anglo Indian Type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seat and cover to be paid for separately including carriage of materials within all leads and lifts:- EWC universal Cera S 1053101 white	2.00	No	2860.00	Rupees Two Thousand Eight Hundred Sixty Only	Each	5720.00
27.00	Providing and fixing 550mm X400mm flat back vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings including carriage of materials within all leads and lifts. Cera cat no. S2040119	2.00	No.	1770.00	Rupees One Thousand Seven Hundred Seventy Only	Each	3540.00
28.00	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts. Cat.No. S 2090113	2.00	No.	2130.00	Rupees Two Thousand One Hundred Thirty Only	Each	4260.00
29.00	Providing and fixing 10 litre capacity PTMT low level flushing cistern complete with fitting such as syphonic arrangement 15 mm nominal size brass wall valve with polythin float union and cupling for connection with inlets and outlet and overflow pipe etc. including cutting holes and walls and making good the same including entire carriage of materials in all leads and lifts:- Cera Sleek essence white D 1010109	2.00	No	1490.00	Rupees One Thousand Four Hundred Ninety Only	Each	2980.00
30.00	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	Nos.	450.00	Rupees Four Hundred Fifty Only	Each	900.00
31.00	Providing and fixing Solid Type plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers including carriage of materials within all leads and lifts :- White plastic seat and cover cera B1510123	2.00	No	850.00	Rupees Eight Hundred Fifty Only	Each	1700.00
32.00	Providing and fixing 600X450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No	1050.00	Rupees One Thousand Fifty Only	Each	2100.00
33.00	Providing and fixing CP. Soap dish with fitting complete including carriage of materials within all leads and lifts.	2.00	No.	300.00	Rupees Three Hundred Only	Each	600.00
34.00	Providing and fixing CP. towel rod including carriage of materials within all leads and lifts.	2.00	No	600.00	Rupees Six Hundred Only	Each	1200.00
35.00	Providing and fixing towel ring including carriage of materials within all leads and lifts.	2.00	No	600.00	Rupees Six Hundred Only	Each	1200.00
36.00	Providing and fixing 100mm C.P. grating viking for floor or nahani trap including carriage of materials within all leads and lifts	8.00	No	145.00	Rupees One Hundred Forty Five Only	Each	1160.00
37.00	Providing and fixing PVC angle cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts:- Prayag	12.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	10200.00
38.00	Providing and fixing PVC bib cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts. Prayag	2.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	1700.00
39.00	Providing and fixing PVC Single hole basin mixer of quality & make as approved by Engineer in charge, including carriage of materials within all leads and lifts complete (i) 15mm nominal bore Prayag	2.00	No.	1850.00	Rupees One Thousand Eight Hundred Fifty Only	Each	3700.00

40.00	Providing and fixing 600mm length PVC connection pipe hot and cold water with brass unions 15 mm nominal bore.	12.00	No.	425.00	Rupees Four Hundred Twenty Five Only	Each	5100.00
41.00	Providing and fixing 32mm dia C.P. waste for wash basin or sink including carriage of materials within all leads and lifts.	2.00	No.	475.00	Rupees Four Hundred Seventy Five Only	Each	950.00
42.00	Providing and fixing 32 mm dia P.V.C. waste pipe Viking for sink or wash basin including P.V.C. waste fittings complete including carriage of materials within all leads and lifts.	2.00	No	150.00	Rupees One Hundred Fifty Only	Each	300.00
43.00	Providing and fixing PVC pillar cock 15mm (fifteen millimetre) nominal bore including carriage of materials within all leads and lifts. Prayag	1.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	850.00
44.00	Providing and fixing CP Extension nipple 15mm X 40mm including carriage of materials within all leads and lifts.	4.00	No	110.00	Rupees One Hundred Ten Only	Each	440.00
45.00	Providing and fixing Glass shelf including carriage of materials within all leads and lifts.	2.00	No	1200.00	Rupees One Thousand Two Hundred Only	Each	2400.00
						Total	212743.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HPMD, 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

Estimated Cost Rs. :- 461053.00
Earnest Money Rs. :- 9221 00
Time:- One Month.

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Repair of kitchen in set no.102 and 207 in block B & D In New MLA Hostel In Vidhan Sabha Shimla)

Sl. No.	Items of work	Quantity	In figures	Rate	In words	Unit	Amount
1	Providing and fixing 6 mm plywood of standard quality ISI mark and approved shade and colour inpanelling & wall lining i/c mitring ajunctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	30.40	650.00	Rupees Hundred Only	Six Fifty Per square metre.		19760.00
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts	79.20	1400.00	Rupees Hundred Only	One Four Per square metre.		110880.00
3	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including carriage of materials within all leads and lifts.	28.44	1500.00	Rupees Hundred Only	One Five Per square metre.		42660.00
4	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt suade finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of	266.63	890.00	Rupees Hundred Only	Eight Nine Per square metre.		237301.00
5	Providing and fixing powder coated telescopic drawer channels 300 mm long with necessary screws etc. complete as per directions of Engineer-in-charge	18.00	320.00	Rupees Hundred Only	Three Per Set		5760.00
6	Providing and fixing 200 mm size bright matt finished Stainless Steel handles of approved quality & make with necessary screws etc all complete including carriage of materials within all leads and lifts.	52.00	220.00	Rupees Hundred Only	Two Each		11440.00
7	Providing and fixing steel cutlery tray for modular kitchen of size 15x20x4" complete including carriage of material in all leads and lifts.	4.00	2000.00	Rupees Thousand Only	Two Each		8000.00
8	Providing and fixing steel cutlery basket for modular kitchen of size 15x20x6" complete including carriage of material in all leads and lifts.	4.00	1305.00	Rupees Thousand	One Each		5220.00
9	Providing and fixing steel cutlery basket for modular kitchen of size 15x20x8" complete including carriage of material in all leads and lifts.	4.00	1500.00	Rupees Thousand Five	One Each		6000.00
10	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : including carriage of materials within all leads and lifts.	14.00	70.00	Rupees Seventy Only	Each		980.00

11	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. Triple strip vertical type including carriage of materials within all leads and lifts.	90.00	No	40.00	Rupees Only	Forty Each	3600.00
12	Providing and fixing Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching wood beading. complete including carriage of materials within all leads and lifts	11.12	Sqm.	850.00	Rupees Hundred Only	Eight Per Square Fifty metre	9452.00
	Quoted rate in words						461053.00
	Quoted rate in words						
	Conditions:-						
	i Rates should be quoted for all leads, lifts and all heights irrespective of any floor level etc.						Draft schedule of quantity No.....for the year 2023-24 duly approved amounting to ₹.461053/only.
	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.						
							(Rupees Four Lakhs Sixty One Thousand Fifty Three Only

Executive Engineer
Shimla Division No.III
HP BWD-Shimla-3.
[Signature]

11.11.11

SCHEDULE OF QUANTITY

(29)

Estimated Cost Rs. :- 447150.00
Earnest Money Rs. :- 8943.00
Time:- One Month.

Name of work: - A/R & M/O to various residential Buildings and Non residential Buildings under Division No-III HP.PWD, Shimla-2. (SH:- Supplying of Various item for day to day repair & maintenance At V/Sabha Sub-Division Shimla.)

Sl. No.	Items of work	Quantity	In figures	Rate	Unit.	Amount.
				In words		
1	Providing and Supplying C.P Brass angle Cock Hot & Cold Size 15mm including carriage of materials within all leads and lifts	No 45.00	796.00	Rupees Seven Hundred Ninety Six Only	Each	35820.00
2	Providing and Supplying Brass ball cock 15mm including carriage of materials within all leads and lifts	No 45.00	540.00	Rupees Five Hundred Forty Only	Each	24300.00
3	Providing and supplying G.I socket 15mm medium including carriage of materials within all leads and lifts.	No 15.00	37.00	Rupees Thirty Seven Only	Each	555.00
4	Providing and supplying G.I Union 15mm medium including carriage of materials within all leads and lifts.	No 30.00	118.00	Rupees One Hundred Eighteen Only	Each	3540.00
5	Providing and supplying G.M gate valve with PVC lever handle size 15mm medium, complete. including carriage of materials within all leads and lifts.	No 20.00	490.00	Rupees Four Hundred Ninety Only	Each	9800.00
6	Providing and fixing PVC connection pipe with brass union including carriage of materials within all leads and lifts :-15x 600 cms length 15mm nominal bore.	No. 40.00	290.00	Rupees Two Hundred Ninety Only	Each	11600.00
7	Providing and supplying Phenyl white superior 750 ml. including carriage of materials within all leads and lifts.	No 45.00	73.00	Rupees Seventy Three Only	Each	3285.00
8	Providing and supplying Toilet Acid 750 ml. including carriage of materials within all leads and lifts.	No 35.00	64.00	Rupees Sixty Four Only	Each	2240.00
9	Providing and supplying Floor Duster . including carriage of materials within all leads and lifts.	No 50.00	48.00	Rupees Forty Eight Only	Each	2400.00
10	Providing and supplying Table Duster large . including carriage of materials within all leads and lifts.	No 50.00	40.00	Rupees Forty Only	Each	2000.00
11	Providing and supplying Bamboo Broom Standard (Thin) including carriage of materials within all leads and lifts.	No 25.00	110.00	Rupees One Hundred Ten Only	Each	2750.00

12	Providing and supplying Narial Broom heavy including carriage of materials within all leads and lifts.	25.00	No	110.00	Rupees One Hundred Ten Only	Each	2750.00
13	Providing and supplying soft Broom heavy including carriage of materials within all leads and lifts.	25.00	No	124.00	Rupees One Hundred Twenty Four Only	Each	3100.00
14	Providing and supplying Leak stop superior glossy quality. including carriage of materials within all leads and lifts.	30.00	Kg	298.00	Rupees Two Hundred Ninety Eight Only	Per/Kg	8940.00
15	Providing and Supplying Glass panes 4mm thick. including carriage of materials within all lead and lifts.	900.00	sqft	80.00	Rupees Eighty Only	Per square feet	72000.00
16	Providing and supplying putty glazing including carriage of materials within all leads and lifts.	25.00	Kg	70.00	Rupees Seventy Only	Per/Kilogra mme	1750.00
17	Providing and supplying Silicon tube of approved brand including carriage of materials within all leads and lifts.	20.00	No	330.00	Rupees Three Hundred Thirty Only	Each	6600.00
18	Providing and supplying hydraulic door closer ISI marked heavy duty including carriage of materials within all leads and lifts.	35.00	No	1250.00	Rupees One Thousand Two Hundred Fifty Only	Each	43750.00
19	Providing and supplying toilet cleaner max/ Harpic. including carriage of materials within all leads and lifts.	120.00	No	158.00	Rupees One Hundred Fifty Eight Only	Each	3160.00
20	Providing and supplying wiper with long handle of standered quality Complete. including carriage of materials within all leads and lifts.	15.00	No	290.00	Rupees Two Hundred Ninety Only	Each	4350.00
22	Providing and supplying 100 mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	25.00	No.	158.00	Rupees One Hundred Fifty Eight Only	Each	3950.00
23	Providing and supplying C.P. jet with PVC pipe including carriage of materials within all leads and lifts.	15.00	No.	395.00	Rupees Three Hundred Ninety Five Only	Each	5925.00
24	Providing and supplying G.I pipe 15mm (3 length) including carriage of materials within all leads and lifts.	20.00	Rmtr	240.00	Rupees Two Hundred Forty Only	Per running metre	4800.00

25	Providing and supplying G.I Elbow 15mm medium including carriage of materials within all leads and lifts.	35.00	No	44.00	Rupees Four Only	Forty Each	1540.00
26	Providing and supplying PVC Plain bend 110mm. including carriage of materials within all leads and lifts.	30.00	No	230.00	Rupees Hundred Thirty	Two Each	6900.00
27	Providing and supplying white cement. including carriage of materials within all leads and lifts.	45.00	Kg	35.00	Rupees Five Only	Thirty Per Kilogram	1575.00
28	Providing and supplying Nails 17 No (40mm) including carriage of materials within all leads and lifts.	15.00	Kg	126.00	Rupees Hundred Twenty	One Per Kilogram	1890.00
29	Providing and supplying (Finolex pipe) 150mm. 3mtr length of approved brand. including carriage of materials within all leads and lifts.	8.00	No	2860.00	Rupees Only	Two Each	22880.00
30	Providing and supplying plain bend 150mm. of approved brand. including carriage of materials within all leads and lifts.	10.00	No	580.00	Rupees Hundred Only	Five Each	5800.00
31	Providing and supplying plain bend 110mm. of approved brand. including carriage of materials within all leads and lifts.	13.00	No	230.00	Rupees Hundred Only	Two Each	2990.00
33	Providing and supplying glass cleaner spray 200 ml. of approved brand. including carriage of materials within all leads and lifts.	40.00	No	120.00	Rupees Hundred Twenty	One Each	4800.00
34	Providing and supplying M.S Powder Coated curtain rods 25mm including carriage of materials within all leads and lifts	30.00	No	398.00	Rupees Hundred Eight	Three Each	11940.00
35	Providing and supplying door stopper including carriage of materials within all leads and lifts.	65.00	No	138.00	Rupees Eight	One Each	8970.00
36	Providing and Supplying Glass panes 5mm thick. including carriage of materials within all lead and lifts.	200.00	sqft	120.00	Rupees Hundred Twenty	One Per square feet	24000.00
37	Providing and Supplying Glass panes 4mm thick. including carriage of materials within all lead and lifts.	400.00	sqft	80.00	Rupees Only	Eighty Per square feet	32000.00
38	Providing and supplying sink mixer including carriage of materials within all leads and lifts.	5.00	No	2500.00	Rupees Thousand	Two Each	12500.00

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499893.00
Earnest Money Rs. :- 10000 00

Time:- Three Month.

Name of work: - Special Repair to cancer Hospital at IGMC Shimla (SH:- Repair of toilets in Second Floor at Cancer Hospital)

S.No.	Sub head and Items of work	Qty.	Rate	Unit	Amount	
1	2	3	In figure	In words	6	7
1.00	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.	3.10 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Cubic Metre	3565.00
2.00	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:- For thickness of tiles 10mm to 25mm complete including carriage of materials within all leads and lifts.	53.45 Sqm	40.00	Rupees Forty Only	Per square meter	2138.00
3.00	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhrats, architrave, holdfasts etc. complete and stacking including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge. Of area 3 sq. metres and below.	7.00 No.	150.00	Rupees One Hundred Fifty Only	Each	1050.00
4.00	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete	7.00 No.	70.00	Rupees Seventy Only	Each	490.00
5.00	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.	2.070 Cum	4300.00	Rupees Four Thousand Three Hundred Only	Per Cubic Metre	8901.00
6.00	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)	1.03 cum.	6500.00	Rupees Six Thousand Five Hundred Only	Per cubic metre	6695.00
7.00	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete (i) Size of Tile 500x500 mm	20.66 Sqm	1350.00	Rupees One Thousand Three Hundred Fifty Only	Per Square Metre	27891.00
8.00	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete	51.87 Sqm	1450.00	Rupees One Thousand Four Hundred Fifty Only	Per Square Metre	75212.00

8.00	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, milled and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) ;(i) For Fixed Portion (a) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	36.14	Kg.	680.00	Rupees Six Hundred Eighty Only	Per Kilogramme	24575.00
	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)	82.00	Kg.	690.00	Rupees Six Hundred Ninety Only	Per Kilogramme	56580.00
10.00	Providing and fixing ACP sheet 4mm thick in panelled and glazed door shutter and partition fixed with self drilling screws etc. complete as directed by the by the Engineer-in-Charge including carriage of materials within all leads and lifts.	5.53	Sqm	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per Square Metre	6913.00
11.00	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer -in-charge. (Cost of aluminium snap beading shall be paid in basic item).With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) including carriage of materials within all leads and lifts.	9.90	Sqm.	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per Square Metre	12375.00
12.00	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 including carriage of material within all leads and lifts as per direction of Engineer-in-charge.:(i) 250x16 mm	5.00	No.	250.00	Rupees Two Hundred Fifty Only	each	1250.00
13.00	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	10.00	No	105.00	Rupees One Hundred Five Only	each	1050.00
14.00	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 material within all leads and lifts as per direction of Engineer-in-charge.:(i) 150x10 mm	8.00	No.	75.00	Rupees Seventy Five Only	each	600.00
15.00	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 material within all leads and lifts as per direction of Engineer-in-charge.:(i) 125 mm	10.00	No.	75.00	Rupees Seventy Five Only	each	750.00

16.00	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 material within all leads and lifts as per direction of Engineer-in-charge. (i) 75 mm	8.00	No.	45.00	Rupees Forty Five Only	each	360.00
17.00	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.	24.30	Sqm	60.00	Rupees Sixty Only	Per Square Metre	1458.00
18.00	Wall painting with acrylic emulsion paint (Two coats), having VOC (Volatile Organic Compound) content less than 50 grams / litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour including carriage of materials within all leads and lifts & as per direction of Engineer-in-charge.	50.38	Sqm	60.00	Rupees Sixty Only	Per Square Metre	3023.00
19.00	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.	5500.00	Rupees Five Thousand Five Hundred Only	Each	11000.00
20.00	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Onssa pattern W.C. pan of size 580x440 mm with integral type foot rests complete including carriage of materials within all leads and lifts.	2.00	No.	3500.00	Rupees Three Thousand Five Hundred Only	Each	7000.00
21.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps including carriage of materials within all leads and lifts.	2.00	No.	3179.75	Rupees Three Thousand One Hundred Seventy Nine and Paise Seventy Five Only	Each	6360.00
22.00	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.	1821.55	Rupees One Thousand Eight Hundred Twenty One and Paise Fifty Five Only	Each	3643.00
23.00	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	7.00	No.	95.00	Rupees Ninety Five Only	Each	665.00
24.00	Providing and fixing CP grating of approved quality and colour Circular type 100 mm nominal dia including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	7.00	No.	100.00	Rupees One Hundred Only	Each	700.00
25.00	Providing and Fixing 600X 450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00	No.	1150.00	Rupees One Thousand One Hundred Fifty Only	Each	2300.00

26.00	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	2.00	No.	650.00	Rupees Six Hundred Fifty Only	Each	1300.00
27.00	Providing and fixing C.P. Brass toilet Paper Holder with fittings including carriage of materials within all leads and lifts.	5.00	No.	450.00	Rupees Four Hundred Fifty Only	Each	2250.00
28.00	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms. including carriage of materials within all leads and lifts.	2.00	No.	125.00	Rupees One Hundred Twenty Five Only	Each	250.00
29.00	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. (a) Internal work (i) 15 mm dia nominal bore	27.20	Rmt.	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	9520.00
30.00	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete 25 to 40 mm nominal bore.	12.00	No.	425.00	Rupees Four Hundred Twenty Five Only	Each	5100.00
31.00	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	6.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	5100.00
32.00	Providing and fixing C.P. brass Stop cock of approved quality including carriage of materials within all leads and lifts. (i) 15 mm nominal bore	9.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	7650.00
33.00	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour, 15 mm nominal bore with 45 cm length including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	6.00	No.	150.00	Rupees One Hundred Fifty Only	Each	900.00
34.00	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work). 15 mm nominal bore	8.00	No.	150.00	Rupees One Hundred Fifty Only	Each	1200.00
35.00	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 mm X 90 mm.	6.00	Nos.	310.00	Rupees Three Hundred Ten Only	Each	1860.00
36.00	Providing and fixing high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts:- 110mm nominal size.	19.40	Rmt	350.00	Rupees Three Hundred Fifty Only	Per running metre.	6790.00
37.00	Providing and fixing high pressure PVC (finolex) Type-A spigot and socket, waste and ventilating pipes ISI marked with collar and clamps including fixing with approved adhesive etc. complete. including carriage of materials within all leads and lifts:- 150mm nominal size	19.60	Rmt	650.00	Rupees Six Hundred Fifty Only	Per running metre.	12740.00
38.00	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.	10.00	No	275.00	Rupees Two Hundred Seventy Five Only	Each	2750.00

39.00	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-150mm nominal size.	6.00	No.	350.00	Rupees Three Hundred Fifty Only	Each	2100.00
40.00	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	9.00	No	400.00	Rupees Four Hundred Only	Each	3600.00
41.00	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-150mm nominal size	4.00	No	500.00	Rupees Five Hundred Only	Each	2000.00
42.00	Providing and fixing PVC (Finolex) door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc.complete. including carriage of materials within all leads and lifts:- 110mm dia.	2.00	No.	350.00	Rupees Three Hundred Fifty Only	Each	700.00
43.00	Providing and fixing PVC (Finolex) door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc.complete. including carriage of materials within all leads and lifts:-150mm dia.	2.00	No.	450.00	Rupees Four Hundred Fifty Only	Each	900.00
44.00	Providing and fixing PVC (finolex) Plain bends of required degree (any radius) including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110mm nominal size.	5.00	No.	325.00	Rupees Three Hundred Twenty Five Only	Each	1625.00
45.00	Providing and fixing PVC (finolex) Plain bends of required degree (any radius) including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 150mm nominal size.	3.00	No.	400.00	Rupees Four Hundred Only	Each	1200.00
46.00	Providing and laying integral cement based treatment for water proofing on horizontal surface at all depth below ground level for under ground structures as directed by Engineer-in-Charge and consisting of : (i) 1st layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. (ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in recommended proportions. (iii) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreading @ 8 cu dm/sqm thoroughly embedded in the 2nd layer. Using rough kota stone.	82.27	Sqm.	1075.00	Rupees One Thousand Seventy Five Only	Per square metre	88440.00

4.20	Workload of surplus excavated earth by Mechanical with in all loads on approved dumping site or M/s. Sharda & Co. including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labor. (If any required) The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slabs shall be sorted out and stacked along road side and any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be fully compensated by him in all respect, as per direction of Engineer-in-Charge.	4.44	Cum	750.00	Nineteen Seven Hundred Fifty Only	Per Cubic Metro	3330.00
4.21	Providing and fixing fixed false ceiling of specified materials of size 505x505 mm in five horizontal level, suspended on iron locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sq. m both side inclusive) consisting of main "I" runner with suitably spaced joists to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "I" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "I" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "I" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x3 mm and tying false ceiling lines of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "I" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanized butterfly level clips of size 35 x 30 x 0.8 mm spaced at 1200 mm center to center along main I, bottom exposed width of 24 mm of all I-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge (i) GI Metal Ceiling Lay in plain Tegalur edge Global white color tiles of size 505x505 mm, and 0.5 mm thick with 8 mm drop, made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending	48.48	Sqm	1550.00	Nineteen One Thousand Five Hundred Fifty Only	Per square metre	72044.00
						Total	40080.00

Quoted rate in figures.

Quoted rate in words

Conditions:-

1. Rates shall be quoted for all heights including all loads and lifts for vehicles and animal loads.

2. Useful materials will be handed over to the Resident Engineer. Material (Cement, Sand, Gravel, etc.) Storage & handling cost for useful materials will be charged.

3. Samples of all materials to be used on work shall be got approved from the Engineer-in-charge or authorized person before use on work and any use of the materials which are available in the market which conform to Bureau of Indian Standards.

4. All items of Plant, Equipment and Machinery etc. to be provided from within works and Rules etc.

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

(15)

1991

677841 10 61
\$1,211 1 00

1. የግልጽ ጥያቄ
 2. የግልጽ ጥያቄ
 3. የግልጽ ጥያቄ

SCHEDULE OF QUANTITY

25

Estimated Cost Rs. :- 353443 00
Earnest Money Rs. :- 7069 00
Time:- One Month.

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Repair of door shutters in set no 404,403,502,603,203,304,04,104(B) & 704 etc in Horble MLAs Residence Metropole Shimla.)

Sl. No.	Items of work	Quantity	In figures	Rate	In words	Unit	Amount
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhtals, 28.00 architrave, holdfasts etc. complete and stacking within 50 metres lead of area 3 sq. metres and below complete including cartage of material in all leads and lifts and as per the direction of the Engineer-in- Charge.	No.	150.00	Rupees Hundred Fifty Only	One Each		4200.00
2	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including cartage of materials within all leads and lifts	Sqm.	1400.00	Rupees Thousand Hundred Only	One Per square Four metre.		69048.00
3	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated piano hinges with screws etc complete including cartage of materials within all leads and lifts.	Sqm.	1500.00	Rupees Thousand Hundred Only	One Per square Five metre.		28950.00
4	Providing and fixing 6 mm plywood of standard quality ISI mark and approved shade and colour 23.31 inpanelling & wall lining etc mulling at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)	sqm	650.00	Rupees Hundred Fifty Only	Six Per square metre.		15152.00
5	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt suede 27.80 finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality:- 1.0 mm thick complete including cartage of materials within all leads and lifts.	Sqm.	890.00	Rupees Hundred Only	Eight Per square Ninety metre.		24742.00
6	Providing and fixing veneered decorative plywood lining with decorative surface on one face with butt 7.58 jointing and nals (frame work and cover fillets to be measured and paid for separately) 4mm thick teak ply-3ply complete including cartage of materials within all leads and lifts.	Sqm	1150.00	Rupees Thousand Hundred Fifty Only	One Per square One metre		8717.00
7	Providing and fixing lingular moulded beading 30mm x30mm wooden moulded corner beading of 80.12 linangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete including cartage of materials within all leads and lifts. 1st class teak wood	Rmt	135.00	Rupees Hundred Thirty Five Only	One Per running metre		10816.00
8	Providing and fixing 9mm thick commercial ply of standard quality ISI mark and approved shade and 10.44 colour in panelling / flooring / cup-board and wall lining including mulling at junctions, butt measured and paid for separately complete including cartage of material within all leads and lifts.	Sqm.	900.00	Rupees Hundred Only	Nine Per square metre.		9396.00
9	Providing and fixing 40 mm thick panelled glazed or panelled and glazed shutters for doors windows and 24.22 clerestory windows including black enamelled iron butt hinges with necessary screws etc. complete including cartage of materials within all leads and lifts in 2nd class deodar wood.	Sqm	4500.00	Rupees Thousand Hundred Only	Four Per square Five metre.		108990.00
10	Providing and fixing 40 mm thick wire gauge shutters using galvanised M.S. wire gauge of 1.5 gauge 4.78 designation 85G with wire of dia 0.56mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws complete including cartage of material within all leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood.	Sqm	4000.00	Rupees Thousand Only	Four Per square metre.		19120.00

11	Providing and fixing 250mm x 16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC-10 as per IS : 1860), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	No.	250.00	Rupees Two Each Hundred Fifty Only	1000.00
12	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC-10 as per IS : 1860) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	No.	90.00	Rupees Ninety Only Each	4580.00
13	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC-10 as per IS : 1860) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts.	No.	65.00	Rupees Sixty Five Each Only	3380.00
14	Providing and fixing 100mm bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts.	No.	150.00	Rupees One Each Hundred Fifty Only	7200.00
15	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.	No.	40.00	Rupees Forty Only Each	1520.00
16	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.	No.	11200.00	Rupees One Each Thousand Two Hundred Only	9500.00
17	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	Sqm.	60.00	Rupees Sixty Only Per square metre.	9164.00
18	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 lit/ 10 sqm over an under coat of primer applied @ 0.80 lit/ 10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	Sqm.	60.00	Rupees Sixty Only Per square metre	12062.00
19	Polishing two or more coats with PU Polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts.	Sqm.	350.00	Rupees Three Hundred Fifty Only Per square metre.	5306.00
Quoted rate in words					
Quoted rate in words					
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 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					353443.00

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

SCHEDULE OF QUANTITY

(26)

Name of work:- Repair /renovation to various residential buildings under division no III Shimla. (SH:- Repair of flooring, Bathroom tiles, fixtures, kitchen, granite & CB, white washing etc in Block No III set No 27 (T-IV) at U.S. Club Shimla)

Estimated cost : 192305.00
Earnest money : 3846.00
Time : One Month

Sl. NO.	Sub-Head/Item of work.	Qty.	In Figures.	Rate In Words	Unit	Amount
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 (1/c equivalent design mix)	0.20	Cum	1150.00 Rupees One Per cubic Thousand Hundred Fifty	Per cubic	228.00
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm	16.02	Sqm	40.00 Only Rupees Forty Per square Only	Per square	641.00
3	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge. 15 mm to 40 mm nominal bore	12.00	Rmt	45.00 Rupees Forty Per running Five Only	Per running	540.00
4	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	0.52	Cum	750.00 Rupees Seven Per cubic Hundred Fifty Only	Per cubic	390.00
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)	0.198	Cum	5500.00 Rupees Five Per cubic Thousand Hundred Only	Per cubic	1089.00
6	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge, complete including carriage of materials within all leads and lifts, Polished Granite stone slab (jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent	1.52	Sqm	5500.00 Rupees Five Per square Thousand Five Hundred Only	Per square	8360.00
7	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.	15.30	Sqm	1150.00 Rupees One Per Kilogram Thousand One Hundred Fifty Only	Per Kilogram	17595.00
8	Providing and fixing 35 mm thick deodar wood shutters paneled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge	1.50	Sqm	4500.00 Rupees Four Per square Thousand Five Hundred Only	Per square	6750.00
9	Providing and laying digital vitrified floor tiles (600 X 600) in different sizes (thickness to be specified by the manufacturer) withwater 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/ sqmincluding grouting the joints with white cement, and matching pigments etc. complete	5.58	Sqm	1450.00 Rupees One Per square Thousand Four Hundred Fifty Only	Per square	8091.00

10	15 mm cement plaster of mix 1:3 (1 cement : 3 fine sand) all complete as per the direction of the Engineer-in-charge	10.44	Sqm	270.00	Rupees Two Hundred	Per square metre	2619.00
11	Distemping (one or more 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. (OLD WORK)	196.32	Sqm	45.00	Seventy Only Rupees Forty Five	Per square metre	8834.00
12	Painting wood work with Deluxe Multi Surface Paint of required shade. One 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	113.51	Sqm	60.00	Rupees Only	Sixty Per square metre	6811.00
13	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface, smooth including necessary repairs to scratches complete including carriage of material in all leads and lifts.	78.53	Sqm	10.00	Rupees Only	Ten Per square metre.	785.00
14	PROVIDING AND APPLYING WHITE CEMENT BASED PUTTY OF AVG THICKNESS 1MM Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials within all leads and lifts.	117.60	Sqm	60.00	Rupees Only	Sixty Per square metre.	7056.00
15	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Wash basin size 550x400mm with a 15 mm CP Brass singlehole basin mixer	2.00	No	3200.00	Rupees Thousand Hundred Only	Three Each Two	6400.00
16	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	450.00	Rupees Hundred Only	Four Each Fifty	900.00
17	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Flexible pipe 32 mm dia	2.00	No	95.00	Rupees Five Only	Niney Each	190.00
18	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahanai trap including carriage of materials within all leads and lifts	2.00	Each	120.00	Rupees Hundred Only	One Twenty	240.00
19	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. (1) 110mm X 75mm size	2.00	No	275.00	Rupees Hundred Seventy	Two Five	550.00
20	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials within all leads and lifts.	1.00	No	1050.00	Rupees Thousand Only	One Fifty	1050.00
21	Providing and fixing 600mmx120mm acrylic glass 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.	1.00	No	650.00	Rupees Hundred Only	Six Fifty	650.00
22	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. (1) 75 mm dia. including carriage of materials within all leads and lifts.	6.10	Rm	320.00	Rupees Hundred Only	Three Each Twenty	1952.00

23	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of material in all leads and lifts. (i) 75mm	3.00	No	220.00	Rupees Two Each Hundred Twenty	660.00
24	Providing and fixing PVC collar ISI marked including fixing with approved adhesive etc. complete including carriage of material in all leads and lifts. (i) 75mm	4.00	No	180.00	Rupees One Each Hundred Ninety Only	760.00
25	Providing and fixing 300/450mm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	11.00	No	150.00	Rupees One Each Hundred Fifty Only	1650.00
25.01	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931. 15 mm nominal bore	11.00	No	800.00	Rupees Eight Each Hundred Only	8800.00
26	Providing and fixing 15mm nominal bore C.P. brass bib tap with capstan head including carriage of materials within all leads and lifts.	5.00	No	800.00	Rupees Eight Each Hundred Only	4000.00
26.01	Providing and fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials within all leads and lifts.	2.00	No	850.00	Rupees Six Each Hundred Fifty Only	1300.00
27	Providing and fixing C.P. Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws - 600mm x 20mm size. including carriage of materials within all leads and lifts	1.00	No	750.00	Rupees Seven Each Hundred Fifty Only	750.00
28	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.	5.00	No	360.00	Rupees Three Each Hundred Fifty Only	1750.00
29	Providing and fixing C.P. waste for wash basin or sink including carriage of materials within all leads and lifts 32 mm dia	2.00	No	9.00	Rupees Nine Each Only	18.00
30	Providing and fixing wall ceiling floor galvanised mild steel (ubes (Medium grade), tube fittings and clamps including making good the wall ceiling and floors. including carriage of materials within all leads and lifts. :- a) 15mm nominal bore.	12.00	mt	350.00	Rupees Three Per running me Hundred Fifty Only	4200.00
31	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	500.00	lt	9.00	Rupees Nine Per litre Only	4500.00
32	Providing wood work in frames of false ceiling partitions etc. sawn and put-up in position 1st class deodar wood, including carriage of material in all leads and lifts.	0.053	Cum	97000.00	Rupees Ninety Per cubic Seven Thousand, metre. Only	5141.00
33	Providing and fixing polycarbonated transparent sheet/plain 2.00 mm thick in roofing with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories including carriage of materials within all leads and lifts.	3.72	Sqm	2150.00	Rupees Two Per square Thousand One metre. Hundred Fifty Only	7998.00
34	Providing and fixing non - woven (unisex) carpet 3.15 mm thick of approved colour and shade of superior quality fixed with approved adhesive on floor complete in all respects as directed by the Engineer-in-charge including carriage of material in all leads and lifts.	49.47	Rmt	520.00	Rupees Five Per square Hundred Twenty metre. Only	25724.00
35	Providing and fixing 19mm thick commercial board in shelves/box for cup board with built joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts.	10.52	sqm	1400.00	Rupees One Per square Thousand Four metre. Hundred Only	14728.00
36	Providing and fixing 19mm thick Commercial Board shutters for up boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	6.50	sqm	1500.00	Rupees One Per square Thousand Five metre. Hundred Only	9750.00

37	Providing and fixing 10 mm thick coloured or plain lamination sheet (sumnera) on boards/ply wood sheets with approved adhesive and nails etc complete including carriage of materials within all leads and lifts	11 sqm	400.00	4400.00	1017.100
38	Providing and fixing 6mm thick commercial plyboard in lining for cup board ceiling and partition walls with butt joints & fixing with nails & screws etc complete including carriage of materials within all leads and lifts	6 sqm	300.00	1800.00	422.500
39	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	30 sqm	40.00	1200.00	300.000
40	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 lit/10 sqm over an under coat of primer applied @ 0.75 lit/10 sqm of approved brand and manufacture	30 sqm	60.00	1800.00	422.500
	Quoted rates in figures				
	Quoted rates in figures				
	Conditions:				
1	Rates should be quoted for all heights including all leads and lifts for internal and external works				
2	Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work, and any or all of the material which are available as per Indian standard or the market should conform to Indian or Indian standards				
3	All signs of Pests Emission/ discharge etc. be removed from windows frames glazing joints and door etc.				


 Engineer in Charge
 District Engineer, District
 Municipal Corporation, Bangalore

SCHEDULE OF QUANTITIES

Estimated Total \$1,500,000.00
 Estimated Monthly \$125,000.00
 From June Month

Items of work A/H & M/H various residential buildings under Division No. 11 Schedule (B/C). Repair of damage to residential accommodations, 1 & type V at Random Shards

bi 101	Description of work	Qty	Rate		Unit	Amount
			In Figures	In Words		
1	Earth work in excavation by mechanical means (hydraulic excavating) manual means in foundation trenches in which foot exceeding 1 ft in width of 1 ft in depth, including dressing of sides and widening of bottoms. All up to 1 ft, including getting rid of the excavated soil and disposal of surplus excavated soil as directed, including cartage of materials within all limits and lifts. All work of soil	2 15	100 (0)	Suppose Three Four cubic feet per cubic foot		623 (0)
2	Providing and laying cement concrete work 1 2 4 (1 square) 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	1 80	100 (0)	Suppose Five cubic feet per cubic foot		2400 (0)
3	Providing and laying in position cement concrete of specified grade including the cost of cartage and unloading complete including cartage of materials within all limits and lifts as per Division of Figures in charge. All work up to 10 ft level 1 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100	2 01	100 (0)	Suppose Five cubic feet per cubic foot		1203 (0)
4	Shed work visible in built up structure formed work including cutting, bedding, tying in position and applying a plaster coat of approved sheet paper (also sheeted sheet etc. as required in concrete forms) and for building, ceilings, floors, gables and other work complete including cartage of materials within all limits and lifts	121 57	100 (0)	Suppose Five cubic feet per cubic foot		10156 (0)
5	Providing and laying 10 ft per block (10 ft) shed cutting/finishing of approved quality with full finishing and seal across (thous work and cover lifts to be measured and paid for separately) including cartage of materials within all limits and lifts	67 14	100 (0)	Suppose Five cubic feet per cubic foot		6714 (0)
6	Providing and laying 10 ft per block (10 ft) shed cutting/finishing of approved quality with full finishing and seal across (thous work and cover lifts to be measured and paid for separately) including cartage of materials within all limits and lifts	157 27	100 (0)	Suppose Five cubic feet per cubic foot		15727 (0)
					Total	20596 (0)

Estimated value in figures

Estimated value in figures

Conditions

1. The work shall be paid for as follows: for building all limits and lifts for finished and reduced work.
2. Samples of all the material to be used on work shall be put up and kept for the Engineer to examine before any work is done. And any of the material which is not approved as per the Engineer shall be rejected and the cost of such material shall be paid by the contractor.
3. The owner of the building shall provide all the necessary labor and material for the building and the contractor shall provide all the necessary labor and material for the building.

For the Engineer
 Division No. 11
 11/10/11 Shards 1/1/11

SCHEDULE OF QUANTITY

38

Estimated Cost Rs. :- 350200.00

Earnest Money Rs. :- 7010.00

Time:- Three Month.

Name of work: - Special repair to Govt Dental College at IGM. Shimla(SH:- Renovation of Toilet in ~~Second~~ Floor floor Block -A)

Third

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.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	3.110 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per cubic meter	3577.00
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead;- For thickness of tiles 10mm to 25mm complete including carriage of materials within all leads and lifts.	56.42 Sqm	40.00	Rupees Forty Only	Per square meter	2257.00
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 including carriage of materials in all leads and lifts.(i) In cement mortar	0.17 Cum	950.00	Rupees Nine Hundred Fifty Only	Per Cubic Metre	162.00
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter Including chowkhats, architrave, holdfasts etc. complete and stacking including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge. Of area 3 sq. metres and below.	3.00 No.	150.00	Rupees One Hundred Fifty Only	Each	450.00
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) including carriage of materials within all leads and lifts	1.45 Cum	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	9425.00
6	Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.(i) Size of Tile 600x600 mmx8mm	20.73 Sqm	1450.00	Rupees One Thousand Four Hundred Fifty Only	Per square meter	30059.00
7	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.(i) Size of Tile 600x600 mm	56.42 Sqm	1550.00	Rupees One Thousand Five Hundred Fifty Only	Per square meter	87451.00

8	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) ;For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including carriage of materials within all leads and lifts.	43.33	Kg.	680.00	Rupees Six Hundred Eighty Only	Per Kilogramme	29464.00
9	For shutters of doors, windows & ventilators Including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) Including carriage of materials within all leads and lifts.	31.00	Kg.	690.00	Rupees Six Hundred Ninety Only	Per Kilogramme	21390.00
10	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):(i) With float glass panes of 5.00 mm thickness weight not less than 12.50 kg / sqm	3.12	Sqm	1300.00	Rupees One Thousand Three Hundred Only	Per Square Metre	4056.00
11	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete Including carriage of materials in all leads and lifts.	1.56	Sqm	1350.00	Rupees One Thousand Three Hundred Fifty Only	Per Square Metre	2106.00
12	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts.(i) 1:8 (1 cement: 8 fine sand)	58.42	Sqm	270.00	Rupees Two Hundred Seventy Only	Per Square Metre	15233.00
13	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete(i) 250x18mm	3.00	No	250.00	Rupees Two Hundred Fifty Only	Each	750.00
14	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 200x10mm	6.00	No	100.00	Rupees One Hundred Only	Each	600.00
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 125mm	6.00	No	75.00	Rupees Seventy Five Only	Each	450.00
16	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts	5.02	Sqm.	40.00	Rupees Forty Only	Per square metre	201.00

17	Painting with synthetic enamel paint on wood and Wood based Surfaces 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.	2.45	Sqm	60.00	Rupees Sixty Only	Per square meter	147.00
18	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: (i) One or more coats on old work	51.90	Sqm	60.00	Rupees Sixty Only	Per Square Metre	3114.00
19	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.	5500.00	Rupees Five Thousand Five Hundred Only	Each	11000.00
20	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests complete including carriage of materials within all leads and lifts.	1.00	No.	5500.00	Rupees Five Thousand Five Hundred Only	Each	5500.00
21	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 550mm x 400mm with a pair of 15 mm C.P. brass pillar taps.	2.00	No.	2800.00	Rupees Two Thousand Eight Hundred Only	Each	5600.00
22	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.	1800.00	Rupees One Thousand Eight Hundred Only	Each	3600.00
23	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	2.00	No.	95.00	Rupees Ninety Five Only	Each	190.00
24	Providing and fixing C.P. grating of approved quality and colour. Circular type (i) 100 mm nominal dia	3.00	No.	75.00	Rupees Seventy Five Only	Each	225.00
25	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No.	1050.00	Rupees One Thousand Fifty Only	Each	2100.00
26	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	3.00	No.	450.00	Rupees Four Hundred Fifty Only	Each	1350.00
27	Providing and fixing charomium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	2.00	Nos.	350.00	Rupees Three Hundred Fifty Only	Each	700.00
28	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. (i) 15 mm nominal bore	5.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	4250.00
29	Providing and fixing C.P. brass stop cock of approved quality : (i) 15 mm nominal bore	16.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	13600.00
30	Providing and fixing uplasticsed PVC connection pipe with brass unions : (a) 45 cm length (i) 15 mm nominal bore	16.00	No.	149.90	Rupees One Hundred Forty Nine and Paise Ninety Only	Each	2398.00

31	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (i) Concealed work, including cutting chases and making good the walls etc. including carriage of materials within all leads and lifts. (a) 15 mm nominal outer dia Pipes	28.70	Rmt.	345.00	Rupees Three Hundred Forty Five Only	Per Running Metre	9902.00
32	Providing and fixing PVC floor trap of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. 110 mm X 90 mm.	3.00	No.	310.00	Rupees Three Hundred Ten Only	Each	930.00
33	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required. (i) Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	2.00	No.	7500.00	Rupees Seven Thousand Five Hundred Only	Each	15000.00
34	Providing and fixing on wall face PVC Finolux type-B spigot, socket, waste and ventilating pipes of working pressure not less than 4.5 kg/sq.m including collar and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	18.30	Rmt.	450.00	Rupees Four Hundred Fifty Only	Per Running Metre	8235.00
35	Providing and fixing Collar joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	8.00	Nos.	275.00	Rupees Two Hundred Seventy Five Only	Each	2200.00
36	Providing and fixing PVC Finolux single equal branch (a) with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. (i) 110mm Dia	4.00	Nos.	400.00	Rupees Four Hundred Only	Each	1600.00
37	Providing and fixing PVC Finolux plain bend ISI marked complete including filling the joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	9.00	Nos.	325.00	Rupees Three Hundred Twenty Five Only	Each	2925.00
38	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 in Cement mortar 1:4 (1 cement :4 coarse sand) including carriage of materials within all leads and lifts.	7.10	Sqm.	1020.00	Rupees One Thousand Twenty Only	Per square metre	7242.00
39	Providing and laying waterproofing treatment with five coats of Polymer Shalcrete @ 0.30Kg./Sq.mtr. (1 Part shalcrete 0.55 Part Cement) Coating by stand Wicking fiber mesh over one coat of polymer primer coat of shalcrete @ 0.20 Kg./Sq. Mtr. (1 Part Shalcrete, 8 part water .2 Part cement) Followed by cleaning the surface thoroughly, repairing the damaged surface and cracks with polymer mortar @ 0.18 Kg./ Bag of cement (1 Part Shalcrete diluted with 1 Part water . 2 part Cement and 1 Part fine sand) injecting Grouting with cement slurry by admixing non-shrink grout, making PCC coving/ gola around at junction of vertical -horizontal surface. The vital technical parameters of the material shall be as under Chemical base acrylic based multipurpose.	34.84	Sqm.	1075.00	Rupees One Thousand Seventy Five Only	Per square metre	37453.00

40	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required).The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of diisposal shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respect as per direction of Engineer-in-Charge.	4.41	Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	3308.00
						Total	350200.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

- i Rates should be quoted for all heights including all leads and lifts for internal and external works
- ii Useful materials will be handed over to the Assistant Engineer, Medical College 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 conform to bureau of Indian standards.
- iv All Stains of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

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

Opened by HPPWD
 Shimla

11/11/2018

SCHEDULE OF QUANTITY

29

Estimated Cost Rs. :- 350200.00
Earnest Money Rs. :- 7010.00

Time:- Three Month.

Name of work: - Special repair to Govt Dental College at IGMC, Shimla(SH:- Renovation of Toilet in Second Floor floor Block -A)

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.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	3.110	Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per cubic meter	3577.00
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50metres lead:- For thickness of tiles 10mm to 25mm complete including carriage of materials within all leads and lifts.	56.42	Sqm	40.00	Rupees Forty Only	Per square meter	2257.00
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 Including carriage of materials in all leads and lifts.(i) In cement mortar	0.17	Cum	950.00	Rupees Nine Hundred Fifty Only	Per Cubic Metre	162.00
4	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge. Of area 3 sq. metres and below.	3.00	No.	150.00	Rupees One Hundred Fifty Only	Each	450.00
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) including carriage of materials within all leads and lifts	1.45	Cum	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	9425.00
6	Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. (i) Size of Tile 600x600 mmx8mm	20.73	Sqm	1450.00	Rupees One Thousand Four Hundred Fifty Only	Per square meter	30059.00
7	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. (i) Size of Tile 600x600 mm	56.42	Sqm	1550.00	Rupees One Thousand Five Hundred Fifty Only	Per square meter	87451.00

8	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mired and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) including carriage of materials within all leads and lifts.	43.33	Kg.	680.00	Rupees Six Hundred Eighty Only	Per Kilogramme	29464.00
9	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) including carriage of materials within all leads and lifts.	31.00	Kg.	690.00	Rupees Six Hundred Ninety Only	Per Kilogramme	21390.00
10	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item); (i) With float glass panes of 5.00 mm thickness weight not less than 12.50 kg / sqm	3.12	Sqm	1300.00	Rupees One Thousand Three Hundred Only	Per Square Metre	4056.00
11	Providing and fixing 12mm thick pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete including carriage of materials in all leads and lifts.	1.56	Sqm	1350.00	Rupees One Thousand Three Hundred Fifty Only	Per Square Metre	2106.00
12	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts; (i) 1:6 (1 cement: 6 fine sand)	56.42	Sqm	270.00	Rupees Two Hundred Seventy Only	Per Square Metre	15233.00
13	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete (i) 250x16mm	3.00	No	250.00	Rupees Two Hundred Fifty Only	Each	750.00
14	Providing and fixing aluminium lower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 200x10mm	6.00	No	100.00	Rupees One Hundred Only	Each	600.00
15	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (i) 125mm	6.00	No	75.00	Rupees Seventy Five Only	Each	450.00
16	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including carriage of materials within all leads and lifts.	5.02	Sqm.	40.00	Rupees Forty Only	Per square metre	201.00

17	Painting with synthetic enamel paint on wood and Wood based Surfaces 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.	2.45	Sqm	60.00	Rupees Sixty Only	Per square meter	147.00
18	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:(i)One or more coats on old work	51.90	Sqm	60.00	Rupees Sixty Only	Per Square Metre	3114.00
19	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seal 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	5500.00	Rupees Five Thousand Five Hundred Only	Each	11000.00
20	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with Integral type foot rests complete including carriage of materials within all leads and lifts.	1.00	No.	5500.00	Rupees Five Thousand Five Hundred Only	Each	5500.00
21	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 550mm x 400mm with a pair of 15 mm C.P. brass pillar taps.	2.00	No.	2800.00	Rupees Two Thousand Eight Hundred Only	Each	5600.00
22	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.	1800.00	Rupees One Thousand Eight Hundred Only	Each	3600.00
23	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	2.00	No.	95.00	Rupees Ninety Five Only	Each	190.00
24	Providing and fixing C.P. grating of approved quality and colour Circular type (i) 100 mm nominal dia	3.00	No.	75.00	Rupees Seventy Five Only	Each	225.00
25	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	No.	1050.00	Rupees One Thousand Fifty Only	Each	2100.00
26	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	3.00	No	450.00	Rupees Four Hundred Fifty Only	Each	1350.00
27	Providing and fixing charonium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	2.00	Nos.	350.00	Rupees Three Hundred Fifty Only	Each	700.00
28	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. (i) 15 mm nominal bore	5.00	No.	850.00	Rupees Eight Hundred Fifty Only	Each	4250.00
29	Providing and fixing CP. brass stop cock of approved quality (i) 15 mm nominal bore	16.00	No.	850.00	Rupees Eight Hundred Fifty Only.	Each	13600.00
30	Providing and fixing uplastoised PVC connection pipe with brass unions : (a)45 cm length (i) 15 mm nominal bore	16.00	No.	149.90	Rupees One Hundred Forty Nine and Paise Ninety Only	Each	2398.00

31	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (i) Concealed work, including cutting of chases and making good the walls etc. including carriage of materials within all leads and lifts (a) 15 mm nominal outer dia Pipes	28.70	Rmt.	345.00	Rupees Three Hundred Forty Five Only	Per Running Metre	9902.00
32	Providing and fixing PVC floor trap of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete. 110 mm X 90 mm.	3.00	No.	310.00	Rupees Three Hundred Ten Only	Each	930.00
33	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required. (i) Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	2.00	No.	7500.00	Rupees Seven Thousand Five Hundred Only	Each	15000.00
34	Providing and fixing on wall face PVC Finolux type-B spigot socket, waste and ventilating pipes of working pressure not less than 4.5 kg/sqm including collar and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	18.30	Rmt	450.00	Rupees Four Hundred Fifty Only	Per Running Metre	8235.00
35	Providing and fixing Collar joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	8.00	Nos.	275.00	Rupees Two Hundred Seventy Five Only	Each	2200.00
36	Providing and fixing PVC Finolux single equal branch (a) with oval access door, ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm Dia	4.00	Nos.	400.00	Rupees Four Hundred Only	Each	1600.00
37	Providing and fixing PVC Finolux plain bend ISI marked complete including filling the joints with approved adhesive complete including carriage of materials within all leads and lifts (i) 110mm Dia	9.00	Nos.	325.00	Rupees Three Hundred Twenty Five Only	Each	2925.00
38	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 in Cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts.	7.10	Sqm.	1020.00	Rupees One Thousand Twenty Only	Per square metre	7242.00
39	Providing and laying waterproofing treatment with five coats of Polymer Shalcrete @ 0.30Kg/Sq.mtr. (1 Part shalcrete:0.55 Part Cement) Coating by stand Wicking fiber mesh over one Coat of plymer primer coat of shalcrete @0.20 Kt/Sq. Mtr. (1 Part Shalcrete:8part water :2 Part cement) Followed by cleaning the surface thoroughly, repairing the damaged surface and Cracks with polymer mortar @ 0.16 Kg / Bagof cement (1Part Shalcrete diluted with 1 Part water . 2 part Cement and 1 Part fine sand) injecting Grouting with cement slurry by admixing non- shrink grout, making PCC covng/ gola around al junction of vertical -horizontal surface. The vital technical parameters of the material shall be as under Chemical base acrylic based multipurpose.	34.84	Sqm.	1075.00	Rupees One Thousand Seventy Five Only	Per square metre	37453.00

40	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its levelling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-In-Charge.	4.41	Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	3308.00
	Quoted rate in figures.					Total	350200.00
	Quoted rate in words						
	Conditions:-						

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

ii Useful materials will be handed over to the Assistant Engineer, Medical College Sub Division HP-PWD, Shimla-I 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.

iv All Stairs of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

checked by me
on 07/10/20

HP-PWD

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

SCHEDULE OF QUANTITY

40

Estimated Cost Rs. :- 340256.00

Earnest Money Rs. :- 6810.00

Time:- One Month

Name of work: - S/R to various building at IGMCI Shimla.(Sh:- P/F PVC Delineators, retro- reflective marking strips, sign boards and stickers etc.)

S.No.	Sub head and items of work	Qty.		Rate		Unit	Amount
1	2	3		In figure	In words	6	7
1.00	Providing and fixing post delineators made of High grade elastomeric polymer material of Ladwa make or equivalent fitted with 3 nos 100 mm dia high reflective reflectors and mounted over to be installed as per direction of Engineer-in-charge.	12.00	Nos	885.00	Rupees Eight Hundred Eighty Five Only	Each	10620.00
2.00	Providing and applying 2.5 mm thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	50.00	Sqm	590.70	Rupees Five Hundred Ninety and Paise Seventy Only	Each	29535.00
3.00	Providing and fixing signages of venyle print laminated over 5mm thick sun board including fixing at various locations and cutting into sizes as directed by the Engineer-in-charge including fixing with nails etc. complete including carriage of materials within all leads and lifts.	39.52	Sqm	3012.70	Rupees Three Thousand Twelve and Paise Seventy Only	Per Square metre	119062.00
4.00	Providing and fixing signages of venyle print stickers over any surfaces including fixing at various locations and cutting into sizes as directed by the Engineer-in-charge complete including carriage of materials within all leads and lifts.	25.92	Sqm	2902.40	Rupees Two Thousand Nine Hundred Two and Paise Forty Only	Per Square metre	75230.00
5.00	Providing and fixing ACP Sheet 3mm thick with vinyl print laminated sheet signage including fixing at various locations and cutting into sizes as directed by the Engineer-in-charge Including fixing with nails, self drilling screws etc. (venyl print laminated sheet signage to be paid extra) complete including carriage of materials within all leads and lifts.	22.55	Sqm	3876.70	Rupees Three Thousand Eight Hundred Seventy Six and Paise Seventy Only	Per Square metre	87420.00
6.00	Providing and fixing Star flex signage including MS Frame work and fixing at various locations and cutting into sizes as directed by the Engineer-in-charge including fixing with nails, self drilling screws etc. complete including carriage of materials within all leads and lifts.	10.49	Sqm	1430.90	Rupees One Thousand Four Hundred Thirty and Paise Ninety Only	Per Square metre	15010.00

7.00	Providing and fixing 4mm thick teak ply prepolished name plate holder of size 19" X 6" of approved design with plate holder clamps including fixing at various locations with nails, self drilling screws etc. as directed by the Engineer-in-charge(venyl print laminated sheet signage to be paid extra) complete including carriage of materials within all leads and lifts.	6.00	Nos	563.20	Rupees Five Hundred Sixty Three and Paise Twenty Only	Per Square metre	3379.00
						Total	340256 00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

- i Rates should be quoted for all heights including all leads and lifts for internal and external works.
- ii Useful materials will be handed over to the Assistant Engineer, Medical College 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 conform to bureau of Indian standards.
- iv All Stains of Paint, Emulsion and Distemper etc. be removed from window panes and floors etc.

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

41

SCHEDULE OF QUANTITY

Estimated cost - 132755.00
 Earnest Money - 2655.00
 Time - One Month

Name of work:- A/R & M/O to Various Residential building under Shimla Division No. III (SH:- Painting and Distempering of Set No.6, Type-VI at Richmond Shimla.)

Sl. NO.	Sub-Head/Item of work.	Qty.			Rate		Unit	Amount.
		In Figures.			In Words			
1	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including cartage of materials in all leads and lifts.	179.58	Sqm	10.00	Rupees Only	Ten	Per Square meter	1796.00
2	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 50m initial lead, for all leads including all lifts involved complete including cartage of materials within all leads and lifts.	70.04	Cum	750.00	Rupees Hundred Only	Seven Fifty	Per Cubic meter	52530.00
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including cartage of materials within all leads and lifts.	179.58	Sqm	60.00	Rupees Only	Sixty	Per Square meter	10775.00
4	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	593.89	Sqm	45.00	Rupees Five Only	Forty	Per Square meter	26725.00
5	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade - Old Work (one or more coats) including a coat of approved steel primer but excluding a coat of mordant solution	682.15	Sqm	60.00	Rupees Only	Sixty	Per Square meter	40929.00
Total								132755.00

Quoted rates in figures

Quoted rates in figures

Conditions:-

- Rates should be quoted for all heights including all leads and lifts for internal and external works.
- Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.
- All stains of Paints Emulsion/ distemper etc. be removed from windows panes, glazing panes and floor etc.

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

(42)

SCHEDULE OF QUANTITY

Estimated cost - 148296.00
 Earnest Money - 2908.00
 Time - One Month

Name of work:-A/R and M/O various residential buildings under division no III Shimla, (SH:- Providing staff for residential or non residential buildings under Benmore sub division)

Sl. NO.	Sub-Head/Item of work	Qty.	In Figures.	Rate	Unit.	Amount
1	Engagement of sweepers for any duties assigned by Junior Engineer unsuited job each as each work. Carriage of materials. Cleaning & washing of areas. assisting plumbers, carpenters. cutting of grass shrubs and other maintenance work.	No	24718.00	Rupees Twenty Four Thousand Seven Hundred Sixteen Only	Per cubic metre	148296.00
					Total	148296.00

Quoted rates in figures

Quoted rates in figures

Conditions -

1. Rates should be quoted for all heights including all leads and lifts for internal and external works.
2. Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to bureau of Indian standards.
3. All coats of Paints Emulsion/distemper etc. be removed from windows panes glazing panes and floor etc.

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

43

SCHEDULE OF QUANTITY

Estimated cost:- 499622.00

Earnest Money:- 9992.00

Time :- One Month.

Name of work:- A/R and M/o various residential & non residential buildings under division no III Shimla. (SH:-Removal of slips/debris and disposal the same from various places of winter field surrounding the office campus and residential area and other misc maintenance work of water supply & sewerage system.)

Sl. NO.	Sub-Head/Item of work.	Qty.		Rate	Unit.	Amount.
1	2	3	In Figures.	In Words	6	
1	Removal of slips and debris in all kinds of soil (including saturated soil but excluding boulders and rocky portion requiring blasting upto a distance of 20 mtrs disposal of materials, stacking serviceable materials and neatly dressing the surface	350.00	Cum	250.00	Rupees Two Per cubic metre	87500.00
2	Disposal of moonum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more	350.00	Cum	750.00	Rupees Seven Hundred Fifty Only Per cubic metre	262500.00
3	Cleaning jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 10 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 30 m outside the periphery of the area cleared.	5900.00	Sqm	7.20	Rupees Seven and Paise Twenty Only Per square metre	42480.00
4	Cleaning of terrace/oft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	180000.00	litre	0.200	Rupees NIL and Paise Twenty Only Per litre	36000.00
5	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge	45.00	each	45.90	Rupees Forty Five and Paise Ninety Per square metre	2065.00
6	Cleaning of clogged sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm	280.00	Mtr	246.70	Rupees Two Hundred Forty Six and Paise Seventy Only Per running metre	69076.00
Total						499622.00

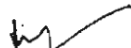
Quoted rates in figures

Quoted rates in words

CONDTION

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

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


 Executive Engineer
 Shimla Division NO III
 HP BWS Shimla-171003

SCHEDULE OF QUANTITY

(14)

Estimated Cost Rs. 224111 00
 Earnest Money Rs. 4482 00
 Time One Month

Name of work: - Repair/Renovation to various Residential Buildings under Division No. III Shimla. (Sub Head:-Painting and distempering work in stair case of all block in New MLA Hostel at Vidhan Sabha Shimla.)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	1892.70 Sqm	60.00	Rupees Sixty Only	Per square metre	113562 00
2	Removing dry or oil bound distemper water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.	1369.51 Sqm.	10.00	Rupees Ten Only	Per square metre.	13695 00
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.	1369.51 Sqm.	60.00	Rupees Sixty Only	Per square metre.	82171 00
4	Painting wood work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	123.04 Sqm	60.00	Rupees Sixty Only	Per square metre	7382 00
5	Painting steel work with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	121.68 Sqm	60.00	Rupees Sixty Only	Per square metre	7301 00
	Quoted rate in words				Total	224111 00
	Quoted rate in words					
	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 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.B.P.W.D. Shimla-3.

SCHEDULE OF QUANTITY

45

Estimated Cost Rs. - 199299 00
Earnest Money Rs - 3990 00
Time:- One Month

Name of work : - A/R and M/O Various residential and non residential buildings under division No III Shimla. (SH:- Providing & Supplying various day to day maintenance required on urgent basis for various section under sub division no IX H.P Sectt Shimla-2)

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and supplying C.P. Brass bib cock Sisko 15mm dia of approved brand including carriage of materials within all lead and lifts	No	914.25	Rupees Nine Hundred Fourteen and Paise Twenty	Each	1097.00
2	Providing and supplying C.P. Brass angle cock Sisko 15mm dia of approved brand including carriage of materials within all lead and lifts	No	914.25	Rupees Nine Hundred Fourteen and Paise Twenty	Each	7314.00
3	Providing and supplying C.P. Brass soap dispenser large wing/ SS make 500ml including carriage of materials within all lead and lifts	No	1886	Rupees One Thousand Eight Hundred Eighty Six	Each	22632.00
4	Providing Hydraulic Door Closer of approved brand including carriage of materials within all lead and lifts	No	1296.05	Rupees One Thousand Two Hundred Ninety Six and Paise Five Only	Each	38882.00
5	Providing and supplying brass latch lock with pair of handle 6 lever 8 inch long, complete including carriage of materials within all leads and lifts.	No	1047.5	Rupees Three Thousand Four Seven and Paise Fifty Only	Each	24360.00
6	Providing and supplying curtain rod 25mm thick 12feet long wt not less than 1.45kg/metre complete including carriage of materials within all leads and lifts	No	1127	Rupees One Thousand One Hundred Twenty Seven Only	Each	22540.00
7	Providing and supplying stainless steel curtain brackets 5 inch long for 25mm size complete including carriage of materials within all leads and lifts	No	188.75	Rupees One Hundred Eighty Nine and Paise Seventy Five Only	Each	1139.00
8	Providing and supplying PVC connection hot and cold 15/450mm complete including carriage of materials within all leads and lifts	No	287.5	Rupees Two Hundred Eighty Seven and Paise Fifty Only	Each	6125.00
9	Providing and supplying acrylic soap dispenser 500ml including carriage of materials within all lead and lifts	No	1132.75	Rupees One Thousand One Hundred Thirty Two and Paise Seventy Five Only	Each	20390.00
10	Providing and supplying PVC connection hot and cold 15/600mm complete including carriage of materials within all leads and lifts	No	333.5	Rupees Three Hundred Three and Paise Fifty Only	Each	3135.00
12	Providing and supplying ball cock with ball and float valve 15mm dia complete including carriage of materials within all leads and lifts	No	540.5	Rupees Five Hundred Forty and Paise Fifty Only	Each	4124.00

13	Providing and supplying brass ball cock with 18" long brass rod and float valve 12mm dia complete including carriage of materials within all leads and lifts.	No.	2587.5	Rupees Two Thousand Five Hundred Eighty Seven and Paise Fifty Only	Two Each	5175.00
14	Providing and supplying brass ball valve with pvc lever handle 32mm dia heavy complete including carriage of materials within all leads and lifts.	No.	2817.5	Rupees Two Thousand Eight Hundred Seventeen and Paise Fifty Only	Two Each	5635.00
15	Providing and supplying brass ball valve with pvc lever handle 40 mm dia heavy complete including carriage of materials within all leads and lifts.	No.	3249.9	Rupees Three Thousand Four Hundred Forty Nine and Paise Ninety Only	Three Each	9749.70
16	Providing and supplying plastic kit for single one piece seat 10" long complete including carriage of materials within all leads and lifts.	No.	2794.5	Rupees Two Thousand Seven Hundred Ninety Four and Paise Fifty Only	Two Each	5589.00
17	Providing and supplying C.P. brass health faucet make viking / S S jet complete with hook and lead 1.50mtr long complete including carriage of materials within all leads and lifts.	No.	1886	Rupees One Thousand Eight Hundred Eighty Six Only	One Each	11316.00
18	Providing and supplying PVC waste pipe 32mm dia complete including carriage of materials within all leads and lifts.	No.	142.6	Rupees One Hundred Forty Two and Paise Sixty Only	One Each	2852.00
Total						199299.00

Quoted rate in figure.

Quoted rate in words.

Conditions:-

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

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

Accepted by me
Date

Page No.

SCHEDULE OF QUANTITY

46

Estimated Cost Rs. :- 439424.00
Earnest Money Rs. :- 8790.00

Time:- One Month.

Name of work: -A/R & M/O to Residential Building under Shimla Division No.III(SH:- Repair/ Providing Misc. Head in MH. No.5 at Grant Lodge Shimla).

Sl. No.	Items of work	Quantity	Rate		Unit.	Amount.
			In figures	In words		
1	Providing and Fixing Wooven Carpet Regular Design 12 mm Pile hight 1850 GSM in different Shade and Colour/ Designed with regular with solution complete including carriage of materials within all leads and lifts.	151.67 Sqm.	2200.00	Rupees Two Thousand Two Hundred Only	Per Square Metre	333674.00
2	Providing and Fixing Loop pile Carpet Design 10 mm Pile hight in different Shade and Colour Designed regular with solution complete including carriage of materials within all leads and lifts, as per direction of Engineer in charge	35.27 Sqm.	2100.00	Rupees Two Thousand One Hundred Only	Per Square Metre	74067.00
3	Providing and fixing 2.00mm thick PVC/ rubber tiles flooring of 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.	27.55 Sqm.	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Square Metre	31683.00
	Quoted rate in figures.				Total	439424.00
	Quoted rate in words					

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.

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

47

SCHEDULE OF QUANTITY

Estimated cost - 347377.00
Earnest Money - 6950.00

Time - One Month.

Name of work:- Special repair to various residential buildings under division no III Shimla. (SH:- Construction of stairs at Chotta Shimla, Kasumptal link road to block no-6 at Ellerslie Qtrs at Chotta Shimla)

Sl. No.	Items of work	Quantity	In figures	Rate In words	Unit	Amount
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 including cartage of material within all leads and lifts as per direction of Engineer-in-charge.	Cum	350	Rupees Three Per Hundred Fifty Only metre	Cubic	15799.00
2	Centering and shuttering including strutting, propping etc. and removal of form for all heights, foundations, footings, bases of columns, etc. for mass concrete including cartage of material within all leads and lifts as per direction of Engineer-in-charge.	Sqm.	239	Rupees Two Per Hundred Thirty metre	square	3650.00
2.01	Centering and shuttering including strutting, propping etc. and removal of form for walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc. complete including cartage of materials within all leads and lifts including cartage of materials all leads and lifts as per direction of Engineer-in - Charge.	Sqm	287.2	Rupees Two Per Hundred Eighty metre Seven and Paise Twenty Only	square	11560.00
3	Stone soling properly hand-packed filling interstices with Khatriya stone under floor specified thickness complete as per HP PWD specification including cartage of material within all leads and lifts as per direction of Engineer-in-charge.	Cum	1370	Rupees One Per Thousand Three metre Hundred Seventy	Cubic	4864.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering, 3.55 and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) complete including cartage of materials within all leads and lifts as per direction of Engineer - in - charge.	Cum	3250	Rupees Three Per Thousand Two metre Hundred Fifty Only	Cubic	11538.00
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering 5.39 and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	Cum	5443	Rupees Five Per Thousand Four metre Hundred Forty Three Only	Cubic	29338.00
6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillers, sunken floor etc. up to floor all level, excluding the cost of centering, shuttering and finishing : 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	Cum	5960.9	Rupees Five Per Thousand Nine metre Hundred Sixty and Paise Ninety Only	Cubic	168672.00
7	Chequered precast NTC make cement concrete tiles 22mm thick in footpath & courtyard, jointed 39.14 with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).	Sqm	1126.2	Rupees One Per Thousand One metre Hundred Twenty Six and Paise Twenty Only	square	44078.00
8	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine: 14.63 sand) including cartage of materials in all leads and lifts.	Sqm	286.7	Rupees Two Per Hundred Eighty Six metre and Paise Seventy Only	square	4194.00

SCHEDULE OF QUANTITY

Name of work:- **Repair/renovation to Govt Degree College Sanjauli, Distt Shimla (H.P.) (SH):- Providing and fixing Double lock Steel Gates and covering all windows with brick work etc.**

Sl. NO.	Sub-Header of work.	Qty.	In Figures.	Rate In Words	Unit	Amount
1	Hell 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 loads and lifts.	186.08 Sqm	1020.00	Rupees One Thousand Twenty Only	Per square metre	189872.00
2	Steel work welded in built up sections/ frame work, including cutting, bolting, fixing in position and applying a priming coat of approved, steel primer using structural steel etc. as required in girders, frames, guard bar, ladder, railings, brackets, gates and similar works, complete including carriage of materials within all loads and lifts.	482.25 Kg	103.00	Rupees One Hundred Five Only	Per Kilogramme	51686.00
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, bolting, fixing in position and applying a priming coat of approved steel primer, including welding and bolting with special shaped washers etc. complete Electric, resistance or induction built welded tubes	520.33 Kg	116.00	Rupees One Hundred Fifteen Only	Per Kilogramme	59838.00
4	Providing and fixing (S) marked oxidized 280s 18mm M.S. sliding door bolts with nuts and screws etc. complete as per direction of Engineer-in-charge including carriage of materials within all loads and lifts	16.00 No	120.00	Rupees One Hundred Twenty Only	Per Each	1920.00
5	Providing and fixing MSJP sheet 1.00 to 2.00 mm thick in eaves board/rafter/ceiling including cutting,fixing and welding to steel roof members and applying a coat of red lead primer complete as per instruction of Engineer-in-charge	2.38 Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Per square metre.	4165.00
6	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. of approved brand and manufacture, new work two or more coats complete including carriage of materials within all loads and lifts	56.22 Sqm.	60.00	Rupees Sixty Only	Per square metre	3313.00
7	Overhauling brick work manually/ by mechanical means including attaching of serviceable material and disposal of unserviceable material within 50 metres load as per direction of Engineer-in-charge in cement mortar	21.40 Cum	690.00	Rupees Nine Hundred Fifty Only	Per cubic metre	20330.00
8	Painting wall two or more coats with synthetic/acrylic distemper of approved brand and manufacture of required colour to give an even finish including carriage of materials within all loads and lifts.	92.04 Sqm.	80.00	Rupees Sixty Only	Per square metre.	5522.00
Quoted rates in figures				Total		336586.00

Draft schedule of quantity No. **Re.336586/-** For the year 2023-24 duly approved for

Rupees Three Lakhs Thirty Six Thousand Five Hundred Eighty Six Only

- Conditions:-
- Rates should be quoted for all heights including all loads 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
 - All items of Paints, Emulsion/ distemper etc. be removed from windows panes, glazing panes and floor etc

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

SCHEDULE OF QUANTITY

49

Estimated Cost Rs. :- 162820.00
Earnest Money Rs. :- 3260.00

Time:- One Month.

Name of work: - A/R & M/O to Various Non residential building under Shimla Division No. III (SH:- Miscellaneous repair works In New Conference hall in attic floor of Nirman Bhawan at Nigam Vihar Shimla)

S.N ^o	Sub head and Items of work	Qty.	Rate		Unit	Amount
1	2	3	In figure	In words	6	7
1.0	Providing and Fixing tissue curtain of Superior Quality cloth as per approved Sample including Quality of Cloth as per approved Sample including Quality of Cloth design and Shade with specified length and Width including stitching tape and Curtains rings Complete including carriage of materials within all leads and lifts. (a) D- Decor (i) Stitched Length 1.85 Metre to 2.25 Metre	36.00 No.	1,750.00	Rupees One Thousand Seven Hundred Fifty Only	Per Each	63000.00
1.1	(ii) Stitched Length 2.45 Metre to 2.75 Metre	32.00 No.	2,210.00	Rupees Two Thousand Two Hundred Ten Only	Per Each	70720.00
1.2	(iii) Stitched Length 0.60 Metre to 0.90 Metre	16.00 No.	750.00	Rupees Seven Hundred Fifty Only	Per Each	12000.00
2.0	Providing and fixing curtain rods of 25 mm thick Ess Ess Make with brackets and Funnel fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete including carriage of materials within all leads and lifts.	45.00 Rmtl	380.00	Rupees Three Hundred Eighty Only	Per Running meter	17100.00
					Total	162820.00
	Quoted rate in figures.					
	Quoted rate in words					
	Conditions:-					

- I Rates should be quoted for all heights including all leads and lifts for internal and external works.*
- II Useful materials will be handed over to the Assistant Engineer, Sub Division No. V HP PWD, Shimla-2 otherwise credit for useful materials will be charged*
- III Sample of all materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should conform to Bureau of Indian standards*

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 158553.00
Earnest Money Rs. :- 3180.00
Time :- One Month.

Name of work: - A/R & M/O to various residential buildings under Shimla division No III. (SH:- Repair of wood work, repair of ceiling, tile work, and other miscellaneous repair work in set no 35/2 GF and 35/1 G.F at Nabha Estate Shimla.

S.N	Sub head and items of work	Qty.	Rate	In words	Unit	Amount
1	40 mm thick Cement concrete flooring 1:2:4 (1 cement 2 sand 4 graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement including carriage of materials within all leads and lifts	45.41 Sqm.	350.00	Rupees Three Hundred Fifty Only	Per Squer Meter	15894.00
2	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete in cement mortar 1:6 (1 cement 6 coarse sand) Above plinth level upto floor all level complete as per directions and approval of Engineer-in-charge including carriage of materials within all leads and lifts	5.99 Cum	7100.00	Rupees Seven Thousand One Hundred Only	Per Cubic Metre	42529.00
3	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.	35.60 Sqm.	1020.00	Rupees One Thousand Twenty Only	Per Squer Meter	36312.00
4	15 mm cement plaster on the rough side / fair of single or half brick wall of m.b. 16 (1 cement: 6 fine sand) including carriage of materials in all leads and lifts.	155.82 Sqm.	270.00	Rupees Two Hundred Seventy Only	Per Squer Meter	42071.00
5	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.	155.82 Sqm.	60.00	Rupees Sixty Only	Per Squer Meter	9349.00
6	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth vic Priming coat with distemper primer including carriage of materials within all leads and lifts	206.64 Sqm.	60.00	Rupees Sixty Only	Per Squer Meter	12398.00
Quoted rate in figures.						Total
Quoted rate in words						158553.00
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, Sd Division No. VII HPWD, Shimla-3 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 conform to Bureau of Indian standards.

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

(194)

SCHEDULE OF QUANTITY

(51)

Estimated Cost Rs. :- 444591.00

Earnest Money Rs. :- 8900.00

Time:- Three Month.

Name of work: - A/R & M/O to Medical College at IGMC Shimla (SH:- Repair of Rooms with ply Board / Paneling , WS & SI , Painting , PVC Flooring etc. in Room No. 406 A, 610, 503,504)

S.No.	Sub head and items of work	Qty.	Rate		Unit	Amount	
1	2	3	In figure	In words	6	7	
1.00	Providing and fixing 12mm thick Shuttring ply wood Conforming to IS in Plain lining/ Panelling/ under Floors with Necessary Screws/ nuts & Bolts/ Nails and fixed on wooden Frame/ Steel frame (Frame work Shall be Paid Separately) as per direction of Engineer - in Charge. including carriage of material in all leads and lifts	93.60	Sqm	1050.00	Rupees One Thousand Fifty Only	Per Square Metre	98280.00
2.00	Providing and fixing 12 mm thick Pine Wood wood Tongued and Grooved lining of approved quality with butt jointing and nails(frame work and cover fillets to be paid for separately).	97.24	Sqm	1750.00	Rupees One Thousand Seven Hundred Fifty Only	Per Square Metre	170170.00
3.00	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc. complete including carriage of materials in all leads and lifts.	23.10	Sqm	1400.00	Rupees One Thousand Four Hundred Only	Per Square Metre	32340.00
4.00	Providing and fixing 19mm thick Commercial Board shutters for Cup boards i/c fixing with nickel plated plano hinges with screws etc complete including carriage of materials in all leads and lifts.	7.80	Sqm	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	11700.00
5.00	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	17.50	Sqm	890.00	Rupees Eight Hundred Ninety Only	Per Square Metre	15575.00
6.00	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	12.16	Sqm.	650.00	Rupees Six Hundred Fifty Only	Per Square Metre	7904.00
7.00	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts (i) 75mm	16.00	No	125.00	Rupees One Hundred Twenty Five Only	Each	2000.00
8.00	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. (i) Triple strip vertical type	16.00	No.	40.00	Rupees Forty Only	Each	640.00
9.00	Providing and fixing hard wood plain square edged cover fillets (beading) 19mmx6mm section with wood screws in ceiling and lining including mitring at junctions Including carriage of materials in all leads and lifts.	32.00	Rml.	30.00	Rupees Thirty Only	Per Running Metre	960.00
10.00	Providing and Fixing Angle Iron Door window Frame of Steel section 35x35x5mm welded complete including fixing Glass Panes with Putty including Carriage of Material with in all leads and lifts	1.60	Sqm.	2200.00	Rupees Two Thousand Two Hundred Only	Per Square Metre	3520.00

11.00	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. One or More Coat	152.12	Sqm.	65.00	Rupees Sixty Five Only	Per square metre	9888.00
12.00	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) including cartage of materials within all leads and lifts.	28.52	Sqm.	40.00	Rupees Forty Only	Per square metre	1141.00
13.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	28.52	Sqm	75.00	Rupees Seventy Five Only	Per square metre	2139.00
14.00	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on Wood Based Surfaces : (i) One or more coats on old work	33.24	Sqm	60.00	Rupees Sixty Only	Per square metre	1994.00
15.00	Polishing two or more coats with french polish on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust, and sand papered smooth and including a coat of wood filler including carriage of materials within all leads and lifts.	97.24	Sqm	250.00	Rupees Two Hundred Fifty Only	Per Square Metre	24310.00
16.00	Providing and fixing 1.5 mm thick PVC/ rubber tiles flooring plain, coloured corbed or mosaic or matted finish, laid with approved adhesive on sub floor damp proofing treatment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	56.70	Sqm	900.00	Rupees Nine Hundred Only	Per Square Metre	51030.00
17.00	Providing and fixing brass stop cock of approved quality including carriage of Material with in all leads and lifts as per direction of Engineer- in -Charge:: (i) 15mm Nominal bore	8.00	No	850.00	Rupees Eight Hundred Fifty Only	Each	6800.00
18.00	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials within all leads and lifts.	4.00	No	1050.00	Rupees One Thousand Fifty Only	Each	4200.00
						Total	444591.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii Unsettled materials will be handed over to the Assistant Engineer, Medical College 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 conform to bureau of Indian standards.

iv All Stains of Paint, Effusion and Discolour etc. be removed from window panes and floors etc.

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

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 82650.00
Earnest Money Rs. :- 1660.00

Time:- One Month.

Name of work: - A/R M/O to Road from Navbahar to Hollylodge Km. 0/00 to 2/670 (SH:-Providing and Laying stone soling and CC. 1:2:4 over soling in Between TD. 0/150 to 0/190)

S.N	Sub head and items of work	Qty.	Rate	In figure	In words	Unit	Amount
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. Ordinary rock including carriage of materials within all leads and lifts.	19.00	Cum	250.00	Rupees Two Hundred Fifty Only	Per Cubic Metre	4750.00
2	Providing and laying stone soling property hand-packed filling interspaces with Kharia stone including spreading watering etc. complete as per HP.PWD specification 150mm spread thickness (finished work including materials and labour) including carriage of materials within all leads and lifts.	11.40	Cum	1250.00	Rupees One Thousand Two Hundred Fifty Only	Per Cubic Metre	14250.00
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 20 mm nominal size) including carriage of materials within all leads and lifts	7.60	Cum	6500.00	Rupees Six Thousand Five Hundred Only	Per Cubic Metre	49400.00
4	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be fully compensated by him in all respect as per direction of Engineer-in-Charge.	19.00	Cum	750.00	Rupees Seven Hundred Fifty Only	Per Cubic Metre	14250.00
	Quoted rate in figures.					Total	82650.00
	Quoted rate in words						
	Conditions:-						

- Rates should be quoted for all heights including all leads and lifts for internal and external works
- Usual materials will be handed over to the Assistant Engineer, Sui Division No. V HP.PWD, 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 conform to Bureau of Indian standards.

Executive Engineer,
Shimla Division No. III,
HP. PWD. Shimla-2

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 332783.00
Earnest Money Rs. :- 6660.00

Time :- One Month.

Name of work: - A/R & M/O to various residential buildings under Shimla Division No III. (SH:- Repair of wood work, repair of ceiling, tile work and other miscellaneous repair work in set no 35/1 store room, at Nabha Estate Shimla.

S.No.	Sub head and items of work	Qty.	Rate	In words	Unit	Amount
1	2	3	4	5	6	7
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within all lead as per direction of Engineer-in-charge. Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)	3 14 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Cubic Meter	3611.00
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhat, architrave, holdfasts etc. complete and stacking including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge. Of area 3 sq. metres and below.	1.00 Nos.	150.00	Rupees One Hundred Fifty Only	Each	150.00
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. In cement mortar	0.34 Cum	950.00	Rupees Nine Hundred Fifty Only	Per Cubic Meter	323.00
4	Demolition in terrace upto floor all level including stacking of serviceable materials and disposal of un-serviceable materials within all lead and lifts including carriage of materials in Mud phuska	1.28 Cum	180.00	Rupees One Hundred Eighty Only	Per Cubic Meter	230.00
5	Stone soiling properly hand-packed filling interstices with Kharia stone including spreading watering of binding materials moorum or earth etc. complete as per HP PWD specification 150mm spread thickness (finished work including materials and labour) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	0.58 Cum	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Cubic Meter	667.00
6	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement 3 coarse sand): 6 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts.	1.51 Cum	5500.00	Rupees Five Thousand Five Hundred Only	Per Cubic Meter	8305.00
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights including carriage of materials in all leads and lifts suspended floor, roof etc	1.63 Sqm.	380.00	Rupees Three Hundred Eighty Only	Per Square Metre	619.00
8	Providing Tor steel reinforcement for Reinforced Cement Concrete work including bending, binding cutting and placing in position complete including cost of binding wires completed and other incidentals due for its completion for all floors, within all leads and lifts of materials and other incidentals. Above plinth level upto all floor level	19.20 Kg	95.00	Rupees Ninety Five Only	Per Killo Gram	1824.00
9	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position 2nd class deodar wood including carriage of materials within all leads and lifts	0.200 Cum	97000.00	Rupees Ninety Seven Thousand Only	Per Cubic Meter	19400.00
10	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 deodar wood.	0.530 Cum	95000.00	Rupees Ninety Five Thousand Only	Per Cubic Meter	50350.00

11	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled iron butt hinges with necessary screws etc complete including carriage of materials within all leads and lifts in 2nd class deodar wood.	6.08	Sqm.	4500.00	Rupees Four Thousand Five Hundred Only	Per Square Metre	27360.00
12	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm. for doors, windows and clerestory windows with hinges and necessary screws including carriage of materials within all leads and lifts 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size 2nd class deodar wood	2.81	Sqm	4000.00	<i>Rupees four Thousand only</i>	Per Square Metre	11240.00
13	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 including 40x12mm beading 2nd class d'dar wood.	1.67	Sqm.	850.00	Rupees Eight Hundred Fifty Only	Per Square Metre	1420.00
14	Providing and fixing 40x12mm hard wood corner beading with wood screws in glazing partition etc including carriage of materials within all leads and lifts	161.96	Rmt	75.00	Rupees Seventy Five Only	Per Running Metre	12147.00
15	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	63.36	Sqm.	650.00	Rupees Six Hundred Fifty Only	Per Square Metre	41184.00
16	Providing and fixing 19 mm thick commercial board in shelves, lining, box for cup boards with butt joints fixed with nails and screws etc complete including carriage of material in all leads and lifts	18.67	Sqm.	1400.00	Rupees One Thousand Four Hundred Only	Per Square Metre	26138.00
17	Providing and fixing 19 mm thick commercial board shutter for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of material in all leads and lifts	3.07	Sqm.	1500.00	Rupees One Thousand Five Hundred Only	Per Square Metre	4605.00
18	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. complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in charge	4.00	No	250.00	Rupees Two Hundred Fifty Only	Each	1000.00
19	Providing and fixing Aluminium tower bolts (barrel type) with necessary screws etc complete 150x10 mm. complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge in charge.	13.00	No	95.00	Rupees Ninety Five Only	Each	1235.00
20	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:- (1) 100mm size.	14.00	No	60.00	Rupees Sixty Only	Each	840.00
21	Providing and fixing magnetic catcher of approved quality in cupboardward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).	5.00	No	40.00	Rupees Forty Only	Each	200.00
22	Providing and fixing Ess Ess curtain rod 20mm dia including brackets/ Clamps etc. complete including carriage of materials in all leads and lifts	7.42	Rmt	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	2597.00

23	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 including carriage of materials within all leads and lifts	2.81	Sqm	3200.00	Rupees Three Thousand Two Hundred Only	Per Square Metre	8992.00
24	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including carriage of materials within all leads and lifts	8.34	Sqm	1140.00	Rupees One Thousand One Hundred Forty Only	Per Square Metre	9508.00
25	Providing and laying glazed tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete	21.91	Sqm	1170.00	Rupees One Thousand One Hundred Seventy Only	Per Square Metre	25635.00
26	Painting wood work with Deluxe Mulli Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10sqm of approved brand and manufacture including carriage of materials within all leads and lifts	100.23	Sqm	60.00	Rupees Sixty Only	Per Square Metre	6014.00
27	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete including carriage of materials within all leads and lifts	54.36	Kg	105.00	Rupees One Hundred Five Only	Per Killo Gram	5708.00
28	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials within all leads and lifts.	1000.00	Ltr.	9.00	Rupees Nine Only	Per liter	9000.00
29	Providing and fixing 15mm nominal bore gun metal gate valve with CI wheel of approved quality (screwed end) complete including carriage of materials within all leads and lifts.	2.00	Nos	450.00	Rupees Four Hundred Fifty Only	Each	900.00
30	Providing and fixing brass ball valve (horizontal plunger type)- High pressure with polythene plastic floats 15mm nominal bore including carriage of materials within all leads and lifts 15mm dia	1.00	Nos	400.00	Rupees Four Hundred Only	Each	400.00
31	Providing and fixing Cera make white vitreous china pedestal type water closet (European type WC pan) with seat and lid, 10 litre low level white PVC 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 WC. pan with ISI marked white solid plastic seat and lid.	1.00	Nos	5500.00	Rupees Five Thousand Five Hundred Only	Each	5500.00
32	Providing and fixing Cera make wash basin with CI 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 550x450 mm with a pair of 15 mm C.P. brass pillar taps.	1.00	Nos	3200.00	Rupees Three Thousand Two Hundred Only	Each	3200.00

33	Providing and fixing Stainless Steel A ISI 304 (18/8) Kitchen sink as per IS- 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required. Kitchen sink with drain board 610x460 mm bowl depth 200 including carriage of materials within all leads and lifts	1.00	Nos	3200.00	Rupees Three Thousand Two Hundred Only	Each	3200.00
34	Providing and fixing 8mm dia C.P./SS. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer-in-charge	1.00	Nos	450.00	Rupees Four Hundred Fifty Only	Each	450.00
35	Providing and fixing 32mm dia PVC waste pipe for sink or wash basin including P.V.C waste fittings complete Semi rigid pipe.	2.00	Nos	95.00	Rupees Ninety Five Only	Each	190.00
36	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts	3.00	Nos	90.00	Rupees Ninety Only	Each	270.00
37	Providing and fixing CP brass stop cock/angle cock including carriage of materials within all leads and lifts-15mm dia	7.00	Nos	800.00	Rupees Eight Hundred Only	Each	5600.00
38	Providing and fixing 15mm nominal bore CP brass bib cock of approved quality conforming to IS 8931 including carriage of materials within all leads and lifts.	4.00	Nos	800.00	Rupees Eight Hundred Only	Each	3200.00
38	Providing and fixing upsitcised PVC connection pipe with brass unions 30cm length 15mm nominal bore complete including carriage of materials within all leads and lifts.	2.00	Nos	150.00	Rupees One Hundred Fifty Only	Each	300.00
40	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. External work - Exposed on wall 15 mm dia nominal bore complete including carriage of materials in all leads and lifts.	24.40	Rmt	315.00	Rupees Three Hundred Fifteen Only	Per Running Metre	7665.00
41	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 15 mm dia nominal bore complete including carriage of materials in all leads and lifts.	12.20	Rmt	350.00	Rupees Three Hundred Fifty Only	Per Running Metre	4270.00
42	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts (New work):- 15mm nominal bore	6.00	Nos	150.00	Rupees One Hundred Fifty Only	Each	900.00
43	Providing and fixing high pressure PVC FINOLEX spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (1) 110 mm dia	9.00	Rmt	500.00	Rupees Five Hundred Only	Per Running Metre	4500.00
43	75 mm dia	12.00	Rmt	325.00	Rupees Three Hundred Twenty Five Only	Per Running Metre	3900.00
44	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 (1) 110mm nominal size.	4.00	Nos	325.00	Rupees Three Hundred Twenty Five Only	Each	1300.00
44	75mm nominal size.	4.00	Nos	225.00	Rupees Two Hundred Twenty Five Only	Each	900.00
45	Providing and fixing PVC FINOLEX collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. 110 mm dia	4.00	Nos	275.00	Rupees Two Hundred Seventy Five Only	Each	1100.00
45	75mm nominal size	4.00	Nos	185.00	Rupees One Hundred Eighty Five Only	Each	740.00
46	Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (1) 110mm nominal size.	3.00	Nos	400.00	Rupees Four Hundred Only	Each	1200.00

46	75mm nominal size	3.00	Nos.	300.00	Rupees Three Hundred Only	Each	900.00
47	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.	3.00	Nos.	275.00	Rupees Two Hundred Seventy Five Only	Each	825.00
48	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	1.00	Nos.	1050.00	Rupees One Thousand Fifty Only	Each	1050.00
						Total	332783.00
	Quoted rate in figures.						
	Quoted rate in words						
	Conditions:-						

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

ii Useful materials will be handed over to the Assistant Engineer, Sub Division No. VII HPDWD, Shimla-3 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,
HPDWD, Shimla-3.

SCHEDULE OF QUANTITY

Name of work:- AR & M/O various residential buildings under division no II Shimla, (SH- Repair of Sewerline, stone roofing of block No.17 and 16 at U.S Club Shimla.)

Estimated cost:- 372988.00
Earned Money:- 7447.00
Time:- One Month

Sl. No.	Sub-Head/Item of work	Qty.	Rate		Unit	Amount
			In Figures.	In Words		
1	Earth work in excavation by mechanical means 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 a lead of 50 m.	Cum	250.00	Rupees Two Hundred Fifty Only	Per cubic metre	13243.00
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	Cum	5500.00	Rupees Five Thousand Hundred Only	Per Cubic metre	64735.00
3	Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge:- Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	Cum	1150.00	Rupees One Thousand Hundred Fifty Only	Per cubic metre	13536.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge - All work up to plinth level:- 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	Cum	4300.00	Rupees Four Thousand Three Hundred Only	Per cubic metre	50611.00
5	Providing and fixing high pressure PVC FINOLEX type B spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 150 mm dia.	Rmt	980.00	Rupees Nine Hundred Eighty Only	Per running meter	64032.00
6	Providing and fixing high pressure PVC FINOLEX type B spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110 mm dia.	Rmt	650.00	Rupees Six Hundred Fifty Only	Per running meter	11895.00
7	Providing and fixing PVC offset 45 degree ISI marked including fixing with approved adhesive etc. 150mm dia complete including carriage of materials within all leads and lifts.	No	450.00	Rupees Four Hundred Fifty Only	Each	6100.00
7.01	110mm dia	No	375.00	Rupees Three Hundred Seventy Five Only	Each	6750.00
8	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:-150mm dia	No	400.00	Rupees Four Hundred Only	Each	4800.00
10	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:-110mm dia	No	325.00	Rupees Three Hundred Twenty Five Only	Each	3900.00
11	Providing and fixing PVC double equal branch 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:- (i)150 mm nominal size.	No	550.00	Rupees Five Hundred Fifty Only	Each	5500.00
13	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) 150mm nominal size.	No.	350.00	Rupees Three Hundred Fifty Only	Each	2800.00
14	110mm nominal size.	No.	275.00	Rupees Two Hundred Seventy Five Only	Each	3500.00

