HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

No.SD-III-CB-Tender/2022-23- 12615-35 Dated:-27-07-2022

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

Subject: - Ter

Tender Notice.

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

Encl: - As above

Executive Engineer, Shimla Division No-III, HP.PWD.Shimla-3 HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER
Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division
No. III, HP.PWD. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in
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 04-08-2022 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 104-08-2022 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M. and will be opened on the same day at 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M.
HP.PWD, so as to reach in his office on or before 11.00 A.M.
HP.PWD, so

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

Sr. No	Name of work	Estimated Cost	Earnest money	Time	Form No	of form
	Special repair to Additional High Court Complex at Majitha House Chotta Shimla (SH:- Renovation of toilet Ground floor old building & providing and laying PVC sewerage line and construction of manholes etc.).	Rs.3,75,983/-	Rs. 7520/-	One Month	6&8	350/-
2	A/R & M/O to RDH. Block at IGMC Shimla (SH: - Inside and outside painting and distempering complete).	Rs.4,98,700/-	Rs.9980/-	One Month	6&8	350/-
3	S/R to various residential buildings under division No.III Shimla. (SH:-Repair of ceiling, repair of cupboards, painting etc. in old block No1 set No. 30, 31, 32, 34, 35, 39 at Benmore).	Rs.3,48,724/-	Rs.6980/-	One Month	6&8	350/-
1	A/R & M/O various residential/Non residential buildings under Shimla Division No.III (SH:-Supplying of various items for maintenance of day to day work under Shimla Sub-Division No.VII for various Sections).	Rs.3,19,944/-	Rs.6400/-	One Month	6&8	350/-
5	A/R & M/O various roads under Division No.III Shimla (SH:- Widening of path leading to old MLA Qtrs. To block G and F.at RD KM 0/00 to RD 0/090 near Boileaunganj Shimla).	Rs.4,10,735/-	Rs.8210/-	One Month	6&8	350/-
5	S/R to State Meusum building at Chaura Maidan Shimla. (SH:- Providing and laying stone soling, cement concrete 1:2:4 in approach road leads to parking at RD 0/00 to 0/045).	Rs.3,31,721/-	Rs.6630/-	One Month	6&8	350/-
7	S/R to various residential buildings under division No.III Shimla (SH:-Repair of flooring, ceiling and other miscellaneous repair work in Block-IV set No. 61-62 & Block No.II set No.19 at U.S.Club Shimla).	Rs.3,92,068/-	Rs.7840/-	One Month		350/-
8	S/R to various residential building under division No.III Shimla (SH:-Repair of Sewerline, providing and laying chequired tiles in front of Courtyard of block III at U.S.Club Shimla).	Rs.3,85,016/-	Rs.7700/-	One Month		350/-
)	Special repair to DDU Hospital building at Shimla. (SH: - Repair work in OPD No. 28,29,30,31 & 32 etc.) at DDU Hospital Shimla).	Rs.4,05,362/-	Rs.8150/-	One Month	6&8	350/-
0	A/R & M/O to RDH Block at IGMC Shimla (SH:- Inside painting and	Rs.3,96,484/-	Rs.7930/-	One Month	6&8	350/-
11	distempering complete). Special repair to various residential building under Shimla Division No.III (SH:- Covering of Verandah of Block No.3 of set No. 1 to 2 at	Rs.3,94,008/-	Rs. 7890/-	One Month	6&8	350/-
12	Barnes Court Shimla-2). A/R & M/O various residential buildings under Shimla Division No.III (SH:- Construction of M.S. tank stand, CGI sheet in fencing, G.I. pipe and	Rs.3,45,585/-	Rs.6920/-	One Month	6&8	350/-
13	fitting etc. in Ellerslie Lodge building at Chotta Shimla). Special repair to Himachal Hospital of Mental Health & Rehabilitation Special repair to Himachal Hospital of Mental Health & Rehabilitation	Rs.64,625/-	Rs.1300/-	One Month	6&8	350/-
4	Centre at Boileauganj Shimla-5 (SH:- Tile work, removal of debries etc.). Special repair to DDU Hospital at Shimla (SH:- Repair of old store of	Rs.1,99,775/-	Rs.4000/-	One Month	6&8	350/-
15	PWD enquiry office in DDU Section). S/R to various residential buildings under Division No.III Shimla (SH:- Repair of roof in Type-1 block-38 and Extension of roof over Verandah in	Rs.2,81,511/-	Rs.5620/-	One Mo nth	6&8	350/-
6	Type-1 block 39A at Richmound Shimla). S/R to various residential buildings under Division No.III Shimla (SH:-Repair of floor tile, repair of kitchen, Bath/toilet and other miscellaneous repair work in Block-V set No.7 at 1 st floor at Ellerslie Qtrs. at Chotta	Rs.3,65,619/-	Rs.7310/-	One Month	6&8	350/-
7	Shimla). A/R and M/O various residential buildings under Division No.III Shimla (SH:- Repair of cupboards, tile work, marble work, and other miscellaneous repair work in block-30 set No.15 & set No.5 at U.S. Club	Rs.1,30,270/-	Rs.2620/	- One Month	6&8	
8	Shimla). Improvement of cart road to Annadale road at RD 0/00 to Km 4/160 (SH:- Construction of R.C.C. slab culvert at RD 2/960 to 2/969).	Rs.4,27,471/-	Rs.8550/	Month	6&8	
9	A/R & M/O to Type-1 sets Mashobra View at IGMC Shimia (St	Rs.1,72,515/-	Rs.3460	/- One Month		
0	Painting and distempering etc.). Special repair of Nallah from Dental College at IGMC Shimla (SH:-Providing and laying RCC work 1:2:4, form work, brick work, plastron	ing and distempering etc.). One One One One One One One One One		6&		
1	and PVC pipe etc. (Phase-2). A/R & M/O to Public service commission office building at Nigam Vihar Shimla-2 (SH:-Painting & Acrlic emulsion paint inner side of building	Rs.4,03,478/-	Rs.8070)/- One Month	6&	8 350

-	3 E	נה נה	Õ	al	7	70		U	7	O I				6.5		6&8	350/-
														Rs.3260/-	One	owo	psin
			- 1		1 1	ildino	ic uni	der	divi	sion	No.III	Shimla	Rs. 1,62,835/-	71	Month		

22	A/R and M/O various residential buildings under division No.III Shimla	Rs. 1,62,835/-	Rs.3260/-	One Month	Joan	
	A/R and M/O various residential buildings under Cottage set No.2 and (SH-Repair of cupboard, painting in Benmore Cottage set No.2 and Yates cottage set No.4 at Benmore Shimla) 4 R & M/O to various building under IGMC Shimla (SH Providing and	Rs.4,99,554/-	Rs. 10000	/- One Month	6&8	350/
23	laying sewerage lines and Manholes etc.).	Rs.3,85,537/-	Rs. 7710/-	One	6&8	350/-
24	S.R. to various residential buildings under division No.III Shimla (SH:-Repair of walls, repair of doors, windows, rain water pipe and other miscellaneous repair work in Block-II set No.20 at U.S. Club Shimla).		n 0510/	Month One	688	350/-
2,5	A R & M O various roads under division No.III Shimid (SH Wideling of path leading to old MLA Qtrs. to Block G and F at RD Km 0/090 to RD	Rs.4,25,695/-	Rs.8510/-	Month		
26	0.195 near Boileaunganj Shimla). Special repair to DDUZ Hospital Shimla (SH:- Construction of retaining wall back side of Mortuary room) at DDU hospital Shimla).	Rs.3,48,483/-	Rs. 7000/-	One Month	6&8	350/-
.,-	SR to various residential buildings under division No.III Shimla (SII: - Providing and fixing pine wood ceiling etc. in Benmore-8).	Rs.3,84,716/-	Rs. 7700/-	One Month	6&8	350/-
28	Restoration of rain damages road from cart road to Annadale road Km 0.00 to 0.160 (SH:- White washing and painting parapet wall, culvert and tree trunks, cleaning of drains, culvert, trimming of grass etc at RD, 0/00 to 4/160).	Rs.4,30,625/-	Rs. 7950/-	One Month	6&8	350/-
29	Construction of toilet and Bathroom for attendant in IGMC Shimla (SH: - Construction of three Bath & Toilet etc.).	Rs.4,99,843/-	Rs. 10000/-	One Month	6&8	350/-
30	S/R to various residential buildings under division No.III Shimla. (SH:- Providing and laying floor tile, repair of cupboards, repair of W.C. painting and distempering etc. in set No. 9 Type-III in Spring field at Chotta Shimla).	Rs.3,80,062/-	Rs. 7600/-	One Month	6&8	350/-
31	S/R to various residential buildings under division No.III Shimla (SH: - Repair of roofing in Block C Set No. C-7 & C-8 at Old MLA Qtrs. near Boileauganj Crossing Shimla).	Rs.3,76,356/-	Rs.7520/-	One Month	6&8	350/-
32	A/R & M/O various residential buildings under division No.III Shimla (SH:- Replacement of CGI sheet roofing, ceiling and painting work etc. in set No.14 at Balquali Shimla).	Rs.1,34,615/-	Rs.2700/-	One Month	6&8	350/-
3.	S/R to Public Service commission office building at Nigam Vihar Shimla (SH:-Providing and laying granite stone flooring, pine wood paneling in Ground floor corridor and entrance of Block-B).	Rs.4,50,717/-	Rs.8990/-	One Month	6&8	350/-
1	A/R & M/O to various residential building under Shimla division No.III (SH:- Providing and fixing welded mesh fencing in entrance, Verandah and prepainted sheet roofing over Verandaha in Set No.25 of Dispensary Block at Barnes Court Shimla	Rs.1,32,714/-	Rs.2660/-	One Month	6&8	350/-
5	A/R & M/O Vidhan Sabha Councial Chamber Shimla-4 (SH:-Providing stone cladding on right wall near entrance of Yashwant Singh Parmer Library).	Rs.2,19,741/-	Rs.4400/-	One Month	6&8	350/-
	Special repair to various Non residential buildings under Shimla Division No.III (SH:- Repair of flooring including painting and distempering sanitary fittings etc.in state Library near Church).	Rs.4,98,744/-	Rs. 10000/-	One Month	6&8	350/-
	A/R & M/O to various residential building under Shimla Division No.III (SH:- Providing and fixing MS steel work for covering the water tanks with welded mesh in Type-II & Type-IV of block A&B at Barnes Court	Rs.2,13,188/-	Rs.4270/-	One Month	6&8	350/-

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

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

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

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

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

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

Executive Sugmeer, Shimla Division No-III, LID DWD CL:....

Estimated Cost Rs. :-

375983.00

Earnest Money Rs. :-7520.00

Time:- one Month

Name of work:-Special repair to Additional High Court complex at Majitha House Chotta Shimla. (SH:- Renovation of toilet Ground floor old building & providing and laying PVC sewerage line and construction of manholes etc.)

No.	1 Dismanti	complete	7	2 Excavation foundation dressing and dispose	2 Excavation foundation diressing and disposal and dispos	3 Providing centering graded st approved approved cement m sqm inclu Size of Til
Items of work	ntling tile work in floors and roofs laid in compat models in the	Complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge: - For thickness of tiles 10 mm to 25 mm.	2 Excavation work by mechanical means (Hydraulic excavator)/ manual means in 15.34 foundation trenches or drains (not exceeding 1.5m in width or 10 som on plan) inclusion	dressing of sides and ramming of bottoms, all lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all leads.	and disposal of surplus excavated soils as directed, within all leads. 3 Providing and laying in position cement concrete of specified grade excluding the cost of 6.30 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)	dressing of sides and ramming of bottoms, all lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within all leads. 3 Providing and laying in position cement concrete of specified grade excluding the cost of 6.30 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) 4 Providing and laying Vitrified tiles in different sizes (thickness to be specified by 24.54 manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm
		direction of	means in 15.34	cavated soil	ccavated soil g the cost of 6.30 rse sand) : 6	g the cost of 6.30 rse sand) : 6 rse sand) : 7 rse sand) :
Quantity		Sqm	Cum		Cum	Sqm Cum
is figure	In figuers					
	In words					
Unit.		Per square metre	Per cubic metre		Per cubic metre	Per cubic metre Per square metre
Amount.						

				Each.	
onstructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : Inside size 90cm x 90cm and 100cm deep including C.I. cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.50.		No.			
7 Constructing brick masonry manhole in cement mortar 1:4 (1 cement: 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement: 1.5 coarse sand (zone-III): 3 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement: 4 coarse sand (zone-III): 8 graded stone aggregate 40 mm nominal size), inside plastering 12mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design: Inside size 120cm x120cm and 100 cm deep including C.I. cover with frame (medium duty) 500mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg): With common burnt clay F.P.S. (non modular) bricks of class designation 7.50.		No.		Each.	
8 Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work:-15mm dia nominal bore. Internal work.	20.40	Rmtr		Per running metre	
9 Providing and fixing high pressure PVC Finolex Type B spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. complete including carriage of materials within all leads and lifts:-150mm dia.		Rmtr		Per running metre	
110mm dia.	16.20	Rmtr	6	Per running metre	
75mm dia.	12.60	Rmtr		Per running metre	
Providing and fixing PVC finolex Type B plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts: 150mm dia	6.00	No		Each	

8 8 6 8 9 1 = 2 21 2 2 210 9 21

6110mm	.00	No	
i) 75mm	3.00	No	Each
roviding and fixing PVC door bend with oval acces door, insertion rubber washer 3 mm	4.00	No	Each
rovious and nuts ISI marked complete including fixing with approved adhesive etc. omplete including carriage of materials within all leads and lifts:-150mm dia.			
ii) 110mm	4.00	No	Each
(ii) 75mm	2.00	No	Each
Providing and fixing PVC Finolex Type B collars ISI marked including fixing wi approved adhesive etc. complete including carriage of materials within all leads and lift 150mm dia.	th 6.00	No	Each
(ii) 110mm	6.00	No	Each
(iii) 75mm	6.00	No	Each
B Providing and fixing Finolex Type B PVC plain tee ISI marked including fixing approved adhesive etc. complete including carriage of materials within all leads and 75 mm dia	ifts:-	No	Each
4 Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing approved adhesive, cost of cutting and making good the wall and floors etc. compincluding carriage of materials within all leads and lifts:-110mm X 75mm.Providing fixing PVC floor trap 110 X 75 mm dia size complete.	olete	No	Each

		No	
founding and fixing white vitreous china pedestal type water closet (European type W.C. founding and fixing white vitreous china pedestal type water closet (European type W.C. founding 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 and fixtures complete. Including cutting and making good the walls and floors wherever and fixtures complete. Including cutting and making good the walls and floors wherever and fixtures complete.	.00	NO	Each
Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 630x 450 mm with single 15 mm C.P. brass pillar tap		No	Each
17 Providing and fixing white vitreous china pedestal for wash basin completely recessed at	1.00	No.	Each
the back for the reception of pipes and fittings. 18 Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in	1.00	No.	
 charge. Providing & fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts, including carriage of materials within all leads and lifts 	1.00	No.	Each
Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	4.00	No	Each
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	No.	Each
2 Providing and fixing 600x120x5 mm glass shelf with edges round off, supported or anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete, including carriage of materials within all leads and lifts	in	No.	Each
3 Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour:-15mm nominal bore with 45cm length.	d 6.00	No.	Each
Providing and fixing C.P. brass long nose bib cock of approved quality conforming IS:8931: 15 mm nominal bore. including carriage of materials within all leads and lifts.	.0 5.00	No	Each
Providing and fixing C.P. brass angle cock of approved quality conforming to IS:8931 : 1 mm nominal bore. including carriage of materials within all leads and lifts.	5 9.00	No	Each
6 Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved mal and quality as per direction of Engineer-in-charge.	ke 6.00	No	Each

and fixing 600mm X 20mmm size Ess Ess make Towel rail complete with C. activities fixed to wooden plugs with C. P. screws including carriage of materials within eads and lifes.	P. 2.00 all
growiding and fixing. Sink mixer with swinging spout wall mountedof approved qual including camage of materials within all leads and lifts. Cat No NX-116	ity 4.00
26 Providing and fixing chromium plated soon dish. C.D. Bress brookets fixed to wood	1 00

leads and lifts.

works.

standards

C.P Brass screws etc complete including carriage of materials within all

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

Sample of all the materials to be used on work shall be got approved from the Engineerin-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

No

No

No

Each

Total

Each

Each

HP. PWD. Shimla-3.

Executive Engineer. Shimla Division No. III,



Estimated Cost Rs. :- 498700.00 Earnest Money Rs. :- 9980.00

Time:- One Month.

Name of work: -A/R & M/O to RDH. Block, at IGMC. Shimla (SH:-Inside and Out side Painting and Distempring Complete)

me of work: -A/R & M/O to RDH. Block, at IGMC. Shimla (SH:- Inside		Quantity		Rate		Amount.
Items of work			In figuers In words			
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	756.00	Sqm.			Per Square Metre	
scratches etc. complete. 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	756.00	Sqm			Per Square Metre	
smooth complete. Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:(i)One or more coats on old work	3709.85	Sqm			Per Square Metre	
Finishing walls with Premium Acrylic Smooth exterior emulsion with Silicone additives of required shade (i) Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing	1260.00	Sqm			per square meter	
cement paint surface Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: complete including carriage of materials within all	937.08	Sqm			per square meter	
leads and lifts.(i) Old work (one or more coats) 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.	1498.08	Sqm			Per square meter	
Providing Scaffolding for all kind of works in Multistory Building up to all floor hight/ levels Bamboo complete tiled with rope on joints and pedistal of CGI Sheet etc. in all respect including carriage of materials in all leads and lifts as per direction of the Engineer-in-	100.00	Sqm			per square meter	
ncluding carriage of materials in all leads and lifts as por should be compared. Charge.					Tota	al
None and the second sec						

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 Sample of all Materials which are evailable as per Indian standard in the market should confirm to bureau of Indian standards.

Recovery of usefull bricks 57.00, recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

Executive Engineer Shimla Division No.III HPCPWD. Shimla 3.



Estimated cost:- 348724.00 Earnest Money:- 6980.00

Time :- One Month.

Name of work:- S/R to Various residential buildings under division no III Shimla. (SH:-Repair of ceiling , repair of cupboard, painting etc in old block no-1 set no 30.31.32.34.35.39 at Benmore)

SI	. Sub-Head/Item of work.	Qt	1.	F	Rate	Unit.	Amount	
NC				In Figures.	In Words			
1	2	3		4	5	6		
	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		Cum			Per cubic metre.		
	Providing and fixing 9mm thick ply of standard quality ISI mark and approved shade and colour in panelling & wall linning i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately)		Sqm.			Per square metre.		
	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		Sqm.			Per square metre.		
	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	1	Sqm.			Per square metre.		
	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		Sqm.			Per square metre.		
	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.		Sqm.		=	Per square metre.		
	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and ifts.		Rmt.			Per running metre.		

IstoT				
Per square metre	mp2	332.32	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture. Including carriage of materials in all leads	3
metre. Per square metre.	mpS	332.32	Applying priming costs 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/ litte, including carriage of materials within all leads and litts.	z
metre. Per square	Sqm.	21.28	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of materials within all leads and lifts.	L
Per square	Sqm.	₽8.75	and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	01
Each	.oV	00.48	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	
Евсһ	.oV	00.48	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 100mm.	8

CONDITION

bureau of indian standards.

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

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

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



Estimated cost:-

319944.00 6400.00 One Month

Earnest Money:-Time :-

Name of work:-A/R & M/O Various residential/Non residential buildings under Shimla Division No. III (SH:- Supplying of various items for maintenance of day to day wok under Shimla Sub Division No. VII for various Sections).

SI. No.	Items of work	Quantity		Rate	Unit.	Amount.
			In figuers	In words		
1	Providing and Supplying CP brass bib cock hot & cold selko deluxe size 15mm inculding carriage of materials within all leads and lifts.	20.00 No.			Each	
2	Providing and Supplying CP brass Angle Stop Cock selko Hot & Cold Size 15mm Dia inculding carriage of materials within all leads and lifts	19.00 No.			Each	
3	Providing and Supplying PVC kit for PVC Cistern only (Kit) inculding carriage of materials within all leads and lifts	9.00 No.			Each	
4	Providing and Supplying PVC distern omplete with all internal fitting complete including carriage of materials within all leads and lifts.	8.00 No.			Each	
5	Providing and Supplying CPVC pipe 20mm dia. including carriage of materials within all leads and lifts.	10.00 No.			Each	
6	Providing and Supplying CPVC elbow 20mm including carriage of materials within all leads and lifts.	16.00 No.			Each	
	Providing and Supplying CPVC female brass elbow Size 20mm including carriage of materials within all leads and lifts.	20.00 No.			Each	
	Providing and Supplying CPVC Union 15mm including carriage of materials within all leads and lifts	12 00 No.			Each	-
	Providing and Supplying G I pipe 15mm medium B-class 20' long including carnage of materials within all leads and lifts.	84 00 Mtrs			Per running metre	
0 1	Providing and Supplying G I elbow 15mm including carriage of materials within all leads and lifts	27 00 No.			Each	
,	Providing and Supplying G I tee 15mm including carriage of materials within all leads and lifts	12.00 No.			Each	
	Providing and Supplying G.I. Socket 15mm including carriage of materials within all leads and lifts.	22 00 No.			Each	
F	roviding and Supplying G.I union 15mm including carnage of materials within all leads and lifts.	24.00 No.			Each	
	roviding and Supplying ball gate valves with PVC lever handle Size 15mm dia including carriage of laterals within all leads and lifts	18.00 No.			Each	
P	roviding and Supplying glass panes 4mm thick including carriage of materials within all leads and lifts.	180.00 Sft			Per square fee	
	roviding and Supplying putty glazing superior quality. Including carriage of materials within all leads and is	30.00 Kg			Per kriogramme	
	roviding and Supplying CP brass wall mixer non telephonic Selko or equivalent size 15mm dia including irriage of materials within all leads and lifts	2.00 No.	111111111111111111111111111111111111111		Each	
	owding and Supplying CP brass sink mixer size 15mm Seiko or equivalent including carriage of aterials within all leads and lifts	3 00 No.			Each	
all	oviding and Supplying ball cock with float ball complete size 15mm including carriage of materials within leads and lifts	16 00 No.			Each	
wit	oviding and Supplying CP sink waste size 110mm 32mm for steel sink including carriage of materials hin all leads and lifts	17 00 No.			Each	
	oviding and Supplying helical door spring GP/Yen heavy duty including carriage of materials within all ds and lifts	7 00 No.			Each	

22	Providing and Supplying hydroulic door closer heavy duty including carriage of materials within all leads and lifts	7.00 No.	Each
			Per
23	Providing and Supplying leak stop superior quality including carriage of materials within all leads and lifts.	15.00 Kg	kilogramme
4	Providing and Supplying PVC connection hot & cold size 15mm dia 450mm long including carriage of materials within all leads and lifts.	20.00 No.	Each
5	Providing and Supplying PVC connection hot & cold size 15mm dia x 600mm including carriage of materials within all leads and lifts.	20.00 No.	Each
6	Providing and Supplying wooden screws 20 & 25mm including carriage of materials within all leads and lifts. (100 Nos in each Packet).	12.00 Pkt.	Per packet
7	Providing and Supplying wooden screws 30 & 35mm including carriage of materials within all leads and lifts. (100 Nos in each Packet).	12.00 Pkt.	Per packet
8	Providing and Supplying CP Zet complete with lead Size 15mm including carriage of materials within all leads and lifts.	9.00 No.	Each
9	Providing and Supplying CP health foucet Zet with PVC pipe 15mm complete including carriage of materials within all leads and lifts.	4.00 No.	Each
0	Providing and Supplying white paint 1st. quality including carriage of materials within all leads and lifts	7.00 Ltr	Per Litre
1	Providing and Supplying black paint first quality including carriage of materials within all leads and lifts	10.00 Ltr	Per Litre
2	Providing and Supplying tarpine oil including carriage of materials within all leads and lifts	11.00 Ltr	Per Litre
3	Providing and Supplying brass spandle for CP bib cock 15mm (Disk) including carriage of materials within all leads and lifts.	16.00 No.	Each
4	Providing and Supplying phenyle white standard including carriage of materials within all leads and lifts.	24.00 No.	Each
5	Providing and Supplying phenyle gaida standard including carriage of materials within all leads and lifts.	24.00 No.	Each
6	Providing and Supplying hand wash riffels large size 750ml including carriage of materials within all leads and lifts.	36.00 No.	Each
7	Providing and Supplying nariyal broom standard quality including carriage of materials within all leads and lifts	18.00 No.	Each
8	Providing and Supplying phool broom standard quality including carriage of materials within all leads and lifts	18.00 No.	Each
9	Providing and Supplying table duster large size 12"x12" including carriage of materials within all leads and lifts	36.00 No.	Each
0	Providing and Supplying floor duster sarge size 22"x22" including carriage of materials within all leads and lifts	36.00 No.	Each
1	Providing and Supplying hit spary red large including carriage of materials within all leads and lifts.	6.00 No.	Each
2	Providing and Supplying hit spray black large including carriage of materials within all leads and lifts.	5.00 No.	Each
3	Providing and Supplying room freshener large including carriage of materials within all leads and lifts.	4.00 No.	Each
14	Providing and Supplying PVC waste pipe 32mm dia including carriage of materials within all leads and lifts.	32.00 No.	Each
45	Providing and Supplying CP grating SS for floor trap size110mm heavy duty including carriage of materials	40.00 No.	Each

within all leads and lifts

-	CONDITION:-		Total:-
	Providing and Supplying bevelledge looking mirror with holes grinder size 24x24x5mm including carriage of materials within all leads and lifts.	5.00 No.	Each
	Providing and Supplying looking glass with wooden decorative frame size 18x24x5mm including carriage of materials within all leads and lifts.	8.00 No.	Each
	Providing and Supplying PG I sheet tank cover with hinges haps & stepples nut & bolts complete including carriage of materials within all leads and lifts.	5.00 No.	Each
	Providing and Supplying EWC seat cover for (Anglo Indian Seat) solid including carriage of materials within all leads and lifts.	5.00 No.	Each
2	Providing and Supplying EWC seat cover for (European Seat) solid including carriage of materials within all leads and lifts.	5.00 No.	Each
	Providing and Supplying PVC bucket transparent 22 ltrs. including carriage of materials within all leads and lifts.	5.00 No.	Each
1	Providing and Supplying water storaget anks 3 Layers Jai bharat In white coloured including carriage of materials within all leads and lifts		Per Litre
9	Providing and Supplying hydrade lime 1st quality in powder super white including carriage of materials within all leads and lifts.		Per kilogramme
8	Providing and Supplying Acqua gaurd pure water fixtures for running water with fixing/installation including carnage of materials within all leads and lifts.	1.00 No.	Each
7	Providing and Supplying toilet cleaner harpic/max 500ml including carriage of materials within all leads and	24.00 No.	Each
	Providing and Supplying hand wash soap including carriage of materials within all leads and lifts.	20.00 No.	Each

⁽i) Rates should be quoted for all leads and lifts

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

Sample of the materials to be supplied shall be got approved from Engineer-in-Charge. All materials should be Confirming to bureau of Indian standard.



Estimated Cos 410735.00 Earnest Money 8210.00

Name of work:- A/R and M/O Various roads under division No III Shimla. (SH:- Widening of path leading to Old MLA qtrs to Block G and F. at RD Km 0/00 to RD0/090 near Boileaungani Shimla.)

St. RD0/090 near Boileaunganj Shimla.)						s to Block G
10.	Quant	Quantity		Rate	Unit.	A
Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over getting out and disposal of excavated earth lead upto 50 m and life upto 4.5 m.	502 43	Cum	In figuers		- J "	Amount.
by Engineer-in-charge. Pick and jumper work.		Cum			Per Cubic metre	0.00
2 Disposal of excavated earth, Dismantling materials & sluge by mechanical means upto 10kms on approved dumping site of M.C. Shimla or on arranged by the contractor i.e.	376.82	C			mede	
through all mode of transportation including head load animal load or mechanical means upto alongwith transportation of the unuseful material for disposing including payment of transporation including head load animal load or mechanical means including payment of transporation including head load animal load or mechanical means alongwith its any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall charge.		Cum			Per Cubic metre	0.00
Pates should be quoted for all heights including all leads and lifts for internal and external works.					Total	0.00
						5.00
Rs. 500 per cubic metre						
Pates should be quoted for all heights including all leads and lifts for internal and external works. Credit for useful stone for qty 25.12 cum @ Rs. 500 per cubic metre					Total	

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

Zw

San the the the san th



Estimated Cos 331721.00 Earnest Money 6630.00

Time:- one month.

Name of work:- S/R to state Meusum building at Chaura Maidan Shimla. (SH:- Providing and laying stone soling, Cement Concrete

2:4 in approach road leads to parking at RD 0/00 to 0/045.)	Quantity		Rate	Unit.	Amount.
i. items of work	Quantity	In figuers	In words	7 L	
Excavation work 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 soils as directed complete including carriage of material in all leads and lifts as per direction of the Engineer in Charge:- All kinds of soil.	107.37 Cum.			Per cubic metre.	
Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m as directed by Engineer-in- charge:Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: all kind of soil.	238.61 Sqm			Per cubic metre.	
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.	35.79 Cum			Per Cubic metre	
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.	35.80 Cum.			Per cubic metre.	
				Total	
Rates should be quoted for all heights including all leads and lifts for internal and external works.					
Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.					

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

Estimated cost:- 392068.00

Earnest Money:- 7840.00

Name of work:- - S/R to various residential buildings under division no III Shimla. (SH:-Repair of flooring, Ceiling and other miscellenous repair work in Block-IV set No

SI.	Sub-Head/Item of work.		Qty.			1 11 11	
1			city.	In Figures.	Rate In Words	Unit.	Amount
	Providing wood work in frames of 6 is		3	in rigures.	in words		
	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.		Cum		3	Per cubic metre	
	Providing and fixing water proof shuttering ply of standard quality ISI mark and approved shade and colour in panelling & wall linning i/c mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately) 12mm thick including carriage of materials within all leads and lifts.	67.04	Sqm			Per square metre.	
	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-incharge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood wood 35 mm thick shutters		Sqm			Per square metre.	
	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.	4.88	Sqm			Per cubic metre	
	1.5 mm thick PVC/rubber tiles flooring plain, coloured, corbed or mosaic or mattled finish, laid with approved adhesive on sub floor damp proofing treetment(to be measured separately)for payment including carriage of materials within all leads and lifts.		Sqm			Per cubic metre	
	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		Sqm			Per square metre.	
	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	22.73	Sqm.			Per square metre.	
	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	47.22	Sqm.			Per square metre.	
1	Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	37.81	Sqm.			Per square metre.	

	S = = 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
6	Providing and fixing square edged cover fillets (beading) 19 x 6 mm section 9 including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	6.7	Rmt.	Per running metre.
1	Providing and fixing Aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete: complete including carriage of materials within all leads and lifts. 300x16 mm		No	Per square metre.
12	Providing and fixing Aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	4	No	Per square metre.
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: 125mm.	4	No	Each
14	100mm.	49	No	Each
15	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	49	No	Per square metre.
6	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 in all leads and lifts.	10.08	Sqm.	Per square metre.
7	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (One or more coat applied @ 0.90 ltr/10 sqm), including carriage of materials within all leads and lifts.	10.08	Sqm.	Per square metre.
В	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.		Sqm.	Per square metre.
)	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture	4.88	Sqm.	Per square metre.
)	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied of approved brand and manufacture. Including carriage of materials in all leads and lifts.	140.29	Sqm.	Per running metre.
	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.	381.53	Sqm.	Per square metre.
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	526.04	Sqm.	Per square metre.

CONDITION Rates should be quoted for all heights including all leads and lifts for internal and external works. Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.		one or more coat sqm of approved brand and manufacture	an even shade one or more coats on old work complete including carriage of Painting wood work with Deluxe Multi Surface Paint to disc.	Wall painting with plastic emulsion paint
		Sqm.	Sqm.	
	Total	Per square metre.	Per square metre.	

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



Estimated Cost Rs. :- 385016.00 Earnest Money Rs. :- 7700.00

Time:- One Month. lame of work:- S/R to various Residential Building under division No III Shimla. (SH:- Repair of Sewerline, P/L

	Items of work	Quant	itv	Rate		11-14	
			ity	In Course		Unit.	Amount.
ncludin	ork in excavation by mechanical means (Hydraulic excavator)/manual means 39 eas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) og getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, cted by Engineer-in-charge.	9.84	Cum	In figuers	in words	Per cubic metre	
buttre: windo cente	ing and laying cement concrete in retaining walls, return walls, walls (any less) including attached pilasters, columns, piers, abutments, pillars, posts, struts, sses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain; we sills, fillets, sunken floor etc., up to floor five level, excluding the cost of pring, shuttering and finishing:- 1:3:6 (1 cement : 3 coarse sand): 6 graded stone legate 20 mm nominal size.)		Cum			Per Cubic metre	
strir	tering and shuttering including strutting, propping etc. and removal of form Walls (any thickness) including attached pilasters, butteresses, plinth and one courses etc.complete including carriage of materials within all leads and as per direction of Engineer - in - charge.	4) Sqm			Per square metre	
the dr in	oviding weep holes in brick masonry/stone masonry/plain concrete/reinfoce ncrete, abutment, wing walls with 100 mm dia PVC pipe extending through e full length with of the structure with the slope of I (V): 20 (H) toward awing face complete as per drawing and technical specifications completeduding carriage of material in all leads and lifts as per direction of the ingineer in Charge.	gh ds ete	00 Rmt.			Per Running metre	
	Demolishing cement concrete manually/ by mechanical means includi disposal of material within 50 metres lead as per direction of Engineer - in charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)		.58 Cum			Per Cubic meter	
	Providing and laying in position cement concrete of specified grade excluding content of centering and shuttering complete including carriage of mater within all leads and lifts as per direction of Engineer - in - charge - All work uplinth level: - 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 nominal size)	rials up to	4.12 Cum			Per cubic metre	
7	Providing and fixing high pressure PVC (Finolex) type-A spigot and so waste and ventilating pipes including collar and clamps ISI marked inclufixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-(i) 150 mm dia. including carriage of materials with	uding erials	18.50 Rmt			Per Running metre.	

leads and lifts.

equerred precast NTC make cement concrete tiles 22mm thick in footpath &			
ortyard, jointed with neat cement sourcete tiles 22mm thick in footpath & lade of tiles, including rubbing and cleaning etc. complete, on 20mm thick dof cement mortar 1:4 (1 cement: 4 coarse sand).	92.00 S	qm.	Per square metre.
oviding and fixing PVC (Finolex) off set (45 degree) ISI marked including			
hin all leads and lifts.150mm.	3.00	No.	Each
oviding and fixing PVC (finolex) Plain bends of required degree (any radius)			
atenals within all leads and lifts.(i) 150 mm nominal size.	2.00	No.	Each
oviding and fixing PVC FINOLEX single equal branch plain ISI marked			
atenals within all leads and lifts.150 mm dia.	1.00	No.	Each
roviding and fixing PVC FINOLEX collars ISI marked including fixing with	3.0	No.	
ads and lifts 150 mm dia.		140.	Each
one soling with kharanja stone including filling the voids with stone spalls and mming etc. complete as per the direction of Engineer-in-charge complete cluding ramming, watering and consolidating upto all leads and lifts.	18.1	7 Cum	Per Cubic metre
roviding and laying in position cement concrete of specified grade excluding se cost of centering and shuttering - All work up to plinth level :- (i) 1:3:6 (1 ement : 3 coarse sand): 6 graded stone aggregate 40mm nominal size) actuding carriage of materials within all leads and lifts.	1	91 Cum.	Per cubic metre.
Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cemer concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as perstandard design :Inside size 80cmx80 cm and 50cm deep including C.I. cow with frame (light duty) 455x610 mm internal dimensions, total weight of forwards frame to be not less than 38 kg (weight of cover 23 kg and weight of fram 15 kg) : With common burnt clay F.P.S. (non modular) bricks of clar designation 7.5	d x x)). ent m er er er	00 No	Each

Per cubic metre

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

Estimated cost:-Earnest Money:-Time :- 405362.00 8150.00 One Month

rork in OPD No. 28,29,30,31 & 32 etc) at DDU hospital Shimla.

me of	workSpecial repair to DDU Hospital building at Shimla. (SH:-Repair work in OPD No. 28,29,30,31 & 32 c				Rate	Unit.	
		Qty.	In	Figures.	In Words		
NO	Description					Per square meter	
	Dismantling lack arch roofing and floors including stacking of serviceable material and disposal of unserviceable	70.14 Sq	qm			Per cubic	
	Dismantling lack and nothing and floors illocating statements within all leads and lifts, material within 50 metres lead including carriage of materials within 50 metres lead including carriage of materials within 50 metres lead including carriage of materials within 150 metres lead in	0 257 Cu	um		LANGUAGE CONTRACTOR OF THE PROPERTY OF THE PRO	metre	
	material within 50 metres lead including carriage of interests within 50 metres lead including carriage of 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 children wood.	65.52 Sc	qm			Per square meter	
	Providing and fixing precoated PGI Sheet 0.63mm thick in ceiling initial and paid for separtely) including carriage of					Per running	
	materials within all leads and lifts as per direction of Engineer interest window frames with iron screws, plugs and	410.40 R	Rmt.			metre	
	priming coat on unexposed surface etc. complete as per tire direction of Engineer	20.55 S	Som.			Per square	
	Providing and fixing 19mm thick commercial board in shelves from the board with both joined a start joined as the pull locate and life.					metre Per square	
		32 63 S	sqm			meter Per square	_
	thickness of tiles 10 mm to 25 mm including carriage or materials within all least 10 mm to 25 mm including carriage or half brick wall of mix :-1.6 (1 cement: 6 fine sand) including	32.63 S	Sqm			meter	
	carriage of materials within all leads and lifts. Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting cement as per IS: 4457,complete as alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS: 4457,complete as alkali resisting mortar bedding, and joints filled with acid and alkali resistant tile including carriage of materials within all leads per the direction of Engineer-in- Charge Acid and alkali resistant tile including carriage of materials within all leads	32.63 S	Sqm			Per square meter	
	and lifts. Providing and foung 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory. Providing and foung 35mm thick enamelled iron butt hinges with necessary screws including carriage of materials within all	21.37 S	Sqm			Per square meter	
	leads and lifts as per direction of Engineer-in-charge in 2nd class deodar wood. I mishing walls with Acrylic Smooth extenor emulsion of required shade New work (Two or more coat) including	67.53 S	Sqm			Per square meter	
	carriage of materials within all leads and lifts arriage of materials within all leads and lifts arriage of materials within all leads and lifts because Multi-Surface Paint to give an even shade. Two or more coat) of approved brand	129.50	Sqm.			Per square meter	
	and manufacture within all leads and lifts as per direction of Engineer-in-dialize. Frowding and fung 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 including of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the joints complete as per direction of Engineer in Charge 20 mm nominal outer dia Pipes	30.00 F	Rmt			Per running metre	
	including carnage of materials in all leads and lifts. Including carnage of materials in all leads and lifts. Including carnage of materials in all leads and lifts.	4.00	No.	i i		Each	
4	Providing and fixing etc. complete including carriage of materials within all leads and lifts. Providing and fixing 6.1. Union in 6.1 pipe including cutting and threading the pipe and making long screws etc. Complete (New work) as per the direction of Engineer-in-charge including carriage of materials upto all leads and	6.00	No.			Each	
5	ints 20 mm dia nominal bore. Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 15mm nominal bore including carriage of materials within all leads and lifts.	5.00	No			Each	
5	IS 8931 15mm nominal bore including carriage of materials within all leads and lifts. 15 8931 15 mm nominal bore including carriage of materials within all leads and lifts.	15.00	No			Each	
7	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 single 15 mm C.P. brass pillar tapincluding carriage of materials	5.00	No			Each	
B	in all leads and lifts. Providing and futurg 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete, including carriage of materials in all leads and lifts.	5.00	No No			Each	

Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including carriage of materials in all leads and lifts.	5.00 No.	Each
		Each
Providing and fixing C.P. Soap dish complete fixed to wooden plugs with C.P. Brass screws including carriage of materials within all leads and lifts.	5.00 No.	
mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms including carriage of materials within all leads and lifts.	5.00 No.	Each
Providing and fixing Steel towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of constants.		Laui
leads and lifts.	5.00 No.	Each Each
Providing and fixing toilet paper holder C.P. brass including carriage of materials within all leads and lifts.	5.00 No.	
Providing and fixing toilet paper holder C.P. bross lock of	5.00 140,	Each
Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including carnage of materials in all leads and lifts.	5.00 No	
including carnage of materials within all 1-250x16 mm	2.00 No.	Each
Providing and fixing aluminium stidios design and lifts.	10.00 140.	Each
IS 1868) transparent or divide the solution of the solution o	10.00 No.	
Providing and fixing 125 mm chromium plated brass handles with necessary screws etc. completee including	6.00 No.	Each
Providing and fixing. PVC Finolex type "A" floor trap ISI marked of self-cleaning design including fixing with approved leads and lifts. 110mm X 90mm. Providing and fixing 125 mp. because the wall and floors etc. complete including carriage of materials within all Providing and fixing 125 mp. because the self-control of the	5.00 No.	Each

 $[\]vec{\eta}$ Rates should be quoted for all heights including all leads and lifts for internal and external works.

Executive Engineer Shimla Division NO III, HP.PWD.Shimla-17 t003

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

wi) 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.



Estimated Cost Rs. :- 396484.00 Earnest Money Rs. :- 7930.00

Time:- One Month.

Name of work: - A/R & M/O to RDH. Block, at IGMC. Shimla (SH:- Inside Painting and Distempring Complete)

81. 10.	Items of work	Quantity			Rate	Unit.	Amount.
	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and proposing the			In figuers	In words	7	
	scratches etc. complete.		Sqm.			Per Square	
	Painting on Wall surfaces with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: complete including carriage of materials within all leads and lifts.(i) Old work (one or more coats)	2162.76	Sqm			Metre per square	
	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.	3474.55	Sqm			meter Per Square	
	Painting on Steel Surfaces with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: complete including carriage of materials within all leads and lifts.(i) Old work (one or more coats)	200.00	Sqm			Metre Per Square	
	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.(i) In Cement Mortar 1:4 (1 Cement :4 Sand)		Sqm			Metre per square meter	
	Conditions:-					Total	

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

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

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

IV Recovery of usefull bricks 57.00 recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

> **Executive Engineer** Shimla Division No.III HP. PWD. Shimla-

Transfer of the state of the st

Estimated Cost Rs.: - 0.00 3 9 4 6 6 8 - 20 Earnest Money Rs.: - 0.00 7 8 9 6 - 20 Time: - One Month.

Name of work: -Special Repair to Various Residential Building Under Shimla Division No.III SH:- Covering of Verandah of Block

tame	of work: -Special Repair to Various Residential Building of set No 1 to 2 at Barnes court Shimla -2)	474			Rate	Unit.	Amount.
100	items of work	Quantity		In figuers	in words	Per cubic	
i. No.	a) to the executation I manual means in	2.30	Cum			meter	
	foundation trenches or drains (not excessing to the including getting out the excavated						
	cressing of sides and ramming or bottoms. A specific solution of sides and disposal of surplus expanded soil as directed, within a lead of 50 m.					Perkilogra	
	Steel work welded in built up sections, framed work, including cutting, hoisting, fixing in position and applying a priming coart of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, raillings, brackets, gates and similar works are used to be a section of the section o	3408.44	Kg			mme	
	required in gratings, trailies, guarding required in gratings that materials within all leads and lifts.					Per cubic	
	complete induding callage of mails as the	2.30	Cum	1 1		meter	1
	Providing and laying in position bement concrete of specified grade excluding the cost of pentering and shuttering - All work up to plinth level :1:2:4 (1 cement : 2 coarse sand) : 4	4					
	the state sourceste Zi) mm (Qilli lai 925)		_	-		Per square	9
	graded state days of the Control to give an even shade. Two or more coal	153.23	Sqm			meter	
- 10	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more			1 1			
	of approved brand and manufacture		Cum			Per aubic	
	Disposal of moorum/ building rubbish/ malba. Similar unserviceable , dismantied or waste	2.30	Cum			meter	
,	material by mechanical transport incoming the lateral process of the material by mechanical transport incoming the lateral port of Monicipal dumping ground for lead upto 10km. Foe talleafts, complete as per dierection of Monicipal dumping ground for lead upto 10km. Toe talleafts, complete as per dierection of Monicipal dumping ground for lead upto 10km.	1					
	Engineer- in Charge Note:-item to be applicable in a both of the common or More. hours movement/ plying of load carring motor vehicle of 3.5 cum. or More.	-	-			Tot	tal
(Conditions:- Sees should be quitted for all regists including all leads and lifts for internal and external worst.						

Fallet should be quoted for all neights including all leads and lifts for internal and eiternal works.

Useful materials will be nanded over to the Assistant Engineer. Suc Division No. V. HPPIND, Rig Shawan Shimle-2 otherwise credit for

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

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

Recovery of spetual binors, 181 (X), recovered from site will be changed / debuilded from contractor (§ Ps. 4.00 Each.



Estimated Cost Rs.:Earnest Money Rs.:-

Time:-345585,00 6920.00

Name of work: - A/R & M/O various residential buildings under Shimla Division No.III. (SH:- Construction of M.S. tank stand, CGI sheet in fencing, G.I. pipe and fitting etc. in Ellerslie Lodge building at Chotta Shimla.). One Month.

Excavatory / manual means (over area not), including dressing of sides and ramming of soil and disposal of surplus excavated soil as and lifts.:- All kinds of soil. Per naterials upto all leads and lifts and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed by the Engineer in roual labour and as directed		Per square metre.		85.36 Sqm	Painting on G.S. sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade Old work (Two or more coats) including carriage of materials in all leads and lifts.		9
S. 3.31 Sqm Per square metre a 1836.90 Kg Per square metre y 27.08 Sqm. Per square metre 35.60 Sqm Per square metre. - 35.60 Sqm Per square metre. - 35.60 Sqm Per square metre.		Per square metre		84.36 Sqm	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand, shade and manufacture including carriage of material within all leads and lifts as per direction of Engineer-in-charge.		00
work in excavation by mechanical means (Hydraulic excavator) / manual means (over area not oding 30cm in depth, 1.5m in width or 10sqm on plan), including dressing of sides and ramming of seed complete including carniage of material within all leads and lifts All kinds of soil. Work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation tenches sed complete including carniage of material within all leads and lifts All kinds of soil. Work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation tenches sed complete including carniage of material within all leads and lifts All kinds of soil. Work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation tenches sed complete including carniage of material within all leads and lifts All kinds of soil. Ting and shuttering including strutting, propping etc. and removal of the same in Foundations, footings, and shuttering in position cement concrete of specified grade excluding the cost of centering and instance including carniage of materials upto all leads and lifts and as directed by the Engineer in Charge. To coat of approved steel primer using structural steel etc. as required:- In graining, frames, guand bar, frames, gua		Per square metre.		35.60 Sqm	Fixing of old 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 or self drilling screws, including a coat of approved steel primer 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:- 0.63mm thick sheet including carriage of materials within all leads and lifts.	7 7 7 7	
er area not 9.63 Cum In figuers In words Per cubic metre ated soil as 4.07 Cum On trenches of sides and s excavated s., footings, as directed as directed ate 20 mm Charge. In figuers In words Per cubic metre metre metre metre figure for sides and s.31 Sqm Per square metre. Per square metre figure for square metre. Per cubic metre figure for square metre. Per square figure figure for square metre. Per cubic figure for square metre. Per square figure figure for square metre. Per cubic figures for square figure figure for square figure figure for square figure figure for square figure figure figure for square figure figure figure for square figure figur		Per square metre.		27.08 Sqm.	Providing and fixing M.S. welded mesh 25mm x 25mm X 3mm thick as per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint a including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	6	
A.07 Cum In figuers In words Per cubic metre 3.31 Sqm Per square metre 6.82 Cum Per cubic metre 6.82 Cum Per cubic metre		Per Kilogramme		1836.90 Kg	Steet work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required:- In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials in all leads and lifts.		
9.63 Cum In figuers In words Per cubic metre 4.07 Cum Per cubic metre 3.31 Sqm Per square metre		Per cubic metre.		6.82 Cum	shuttering and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.		·
Over area not 9.63 Cum In figuers In words Per cubic metre avated soil as altion trenches 4.07 Cum In figuers In words Per cubic metre metre metre metre metre metre metre metre metre	***************************************	Per square metre		3.31 Sqm	Centering and shuttering including strutting, propping etc. and removal of the same in Foundations, footings, bases of columns, etc. for mass concrete including carriage of materials upto all leads and lifts and as directed by the Engineer in Charge.	ω	7
9.63 Cum In figuers In words Per cubic metre		Per cubic metre		4.07 Cum	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (over area exceeding 30cm in depth, 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, complete including carriage of material within all leads and lifts.:- All kinds of soil.	^	
In figuers In words		Per cubic metre		 9.63 Cum	exceeding 30cm in depth, 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, complete including carriage of material within all leads and lifts.:- All kinds of soil.		···
tems of work Quantity Rate	Amount.	Unit.	Rate In words	Quantity		4 9. 46	

Total		Conditions:-	
Per Cubic metre	12 94 Cum	Disposal of excavated earth, moonum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical means upto 10kms on approved dumping site of M.C. Shimla or on arranged by the contractor i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour (if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	3
Per liters.	1000 00 Ltr	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 complete including carriage of materials within all leads and lifts	*
Per liters.	1000 00 Ltr	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 complete including carnage of materials within all leads and lifts.	ಪ
Each	10 00 No.	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete including carriage of materials within all leads and lifts (New work):- (i) 15mm nominal bore.	2
Each	4.00 No	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) complete including carmage of material within all leads and lifts as per direction of Engineer-in-charge:- (i) 15mm nominal bore	:
Per Running metre	150.00 Rmt	External work - Exposed on wall complete including carriage of materials within all leads and lifts: 15 mm inominal bore.	ć

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

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

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 standards in the market should confirm to bureau of indian standards.



Estimated Cost Rs. :- 64625.00 Earnest Money Rs. :- 1300.00

Time:- One Month.

Name of work:- Special Repair to Himachal Hospital of Mental Health & Rehabilitation Centre at Boileauganj Shimla-5(SH:- Tile work, Removal of Debries etc.)

Providing and fixing Ist 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. Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore ESS ESS Make Cat No. FTRSBAC01 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Providing and fixing C.P brass Sink mixer Make of ESS ESS make Cat No. T-127 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor: i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respond as per direction of Engineer.	SI. No.	Items of work	Quantity			Rate	Unit.	Amount.
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 sgm. including pointing in white cement mixed with pigment of matching shade complete. Providing and fixing C.P. brass angle cock 15mm (fifteen millimetre) nominal bore ESS ESS Make Cat No. FTRSBAC01 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Providing and fixing CP brass Sink mixer Make of ESS ESS make Cat No. T-127 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Providing and fixing CP brass Sink mixer Make of ESS ESS make Cat No. T-127 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means allower of the such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer.	6.00	Providing and Sping Int and the			In figuers	In words	_	
leads and lifts. Providing and fixing CP brass Sink mixer Make of ESS ESS make Cat No. T-127 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts. Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect, as per direction of Engineer.		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.		Sqm.			square	
Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect, as per direction of Engineers.		as per direction of Engineer-in-Chame including carriage of materials with a	4.00	No.			Each	
Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transporation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required) All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the courses of execution shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect, as per direction of Engineer.		and life	3.00	Nos			Each	
in-Charge		Disposal of excavated earth by Mechanical means on approved dumping site of M.C. Shimla or on arranged by the contractor. i.e. through all mode of transportation including head load animal load or mechanical means alongwith transportation of the unuseful material for disposing including payment of prescribed charges of dumping to the owener of dumping site through all modes of transporation including head load animal load or mechanical means alongwith its levelling, fine dressing and to complete the work by mechanized means and labour(if any required). All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roots eith next the following states are stones.	A.01 97-0.33	Cum			Per Cubic	
		Rates should be quoted for all heights including all leads and lifts for internal and external units					Total	

Hates 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.

Recovery of usefull bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

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

Estimated cost:-

199775.00 4000.00 One Month

Name of work:- Special repair to DDU Hospital at Shimla. (SH:-Repair of Old store of PWD enquiry Office in DDU section). Earnest Money:-Time :-

		20 (n.	4	w		s		
CONDITION:-	per IS 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete 300x16 mm including carriage of materials within all leads and lifts.	with screws etc complete including carriage of materials within all leads and lifts. 200x10mm size.	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 supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self-drilling surfaces excluding the cost of purlins, rafters and trusses and including carriage of materials within all leads and lifts.	railings, brackets, gates and similar works including carriage of materials within all leads and lifts. Providing and fixing precoated dalvanised from profile chosts.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a	work up to plinth level 1.3.6 (1 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 carnage of materials within all leads and lifts as per direction of the stiglineer- in- charge in Foundation and plinth	cement 6 coarse sand) including carnage of materials within all leads and lifts.	Random ribble massacratis back and a secondary	
	1.00 No.	1.00 No.	43.64 Sqm	733.20 Ng	752 20 72	9.67 Cum	3.40 Cum		Qty.
				***************************************				In Figures.	
	***************************************					***************************************		In Words	Rate
1	Each	Each	Per square meter	Per Killogramme		Per cubic metre	Per Cubic meter		Unit.
									nount

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

Shimla Division NO.(II) HP.PWD.Shimla-171003 Executive Engineer



Estimated Cost Rs. :- 281511.00 Earnest Money Rs. :- 5620.00

Time: - One Month.

Name of work: S/R to various residential buildings under Division No III Shimla. (SH:- Repair of roof in Type -1 block-38 and Extension of roof over Verandah in type-1 Block-

	7	σ	OT T	•		2			No.
CONDITION	Providing and fixing welded mesh 25mm x 25mm X 3mm thick as per approved design by welding 18.40 with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I including carriage of materials upto all leads and lifts.	Providing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt jointing and 10.50 wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials within all leads and lifts.	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, 96.62 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	Steel work weided in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a 1230.23 priming coat of approved steel primer using structural steel etc. as required.in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Providing and laying in position cement concrete of specified grade excluding the cost of centering 1.30 and shuttering - All work up to plinth level 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 25 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	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, within a lead of 50m. All kinds of soil.	Earth work in excavation by manual means in foundation transher or design (a.s.)	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead 72 so	
	ng 18.40 D.	id 10.50	96.62	1230.23	1.30	1.30	73.30	73 60	Quantity
	Sqm	Sqm	Sqm	8	Cum	Cum	ogm	2	tity
			,					In figuers	
								in words	Rate
	Per square metre	Per square metre	Per square metre	Per Kilogramme	Per cubic metre	Per cubic metre	Per square metre		Unit
									Amount

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

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

Estimated Cost Rs 365619.00

one month

Earnest Money Rs 7310.00

Name of work:- S/R to various residential buildings under division no III Shimla (SH:- Repair of floor tile,, repair of kitchen, Bath/ tolet and other miscellenous repair work in Block-V set No.7 at 1st floor at Ellerslie atrs at chotta Shimla)

SI. No.	Items of work	Quantity	In figuers	Rate In words
-	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 leaner mix (i/c equivalent design mix)	0.350 Cum		
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :including carriage of materials within all leads and lifts.Of area 3 sq. metres and below	2.00 Cum		
ω	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead, including carriage of materials within all leads and lifts.	18.47 Sqm		
	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	13.53 Sqm		
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.28 Cum		
7.0	Centering and shuttering including strutting, propping etc. and removal of form for all heights :including carriage of materials in all leads and lifts.(i) In shelves (cast in situ)	1.33 Sqm		
3	Centering and shuttering including strutting, propping etc. and removal of form for all heights: Edges of slabs and breaks in floors and walls	2.30 Rmtr		
S S S E F	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, alconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement: 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size).	0.10 Cum		
S d d	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.complete including carriage of materials within all leads and lifts.	20.97 Kg		
Half	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)	25.05 Sqm		

ceme	le work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining err work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 err); 3 coarse sand), including pointing with white community to the community of the community with the community of the comm	1.90	Sqm	Per square metre
2 mar the ba marble	rble dust) with an admixture of pigment to match the marble shade (To be secured to acking by means of cramps, which shall be paid for separately). Raj Nagar Plain white le/ Udaipur green marble/ Zebra black marble.			mede
Provid	ding edge moulding to 18 mm thick marble stone counters, Vanities etc., including the polishing to edge to give high gloss finish etc.	2 30	Rmtr.	
Provid	gineer-in-Charge,	2,00	· · · · · · · · · · · · · · · · · · ·	Per running metre.
Deoda	ding wood work in frames of doors, windows, clerestory windows and other frames, and framed and fixed in position with hold fast lugs or with dash fasteners of required ar wood.	0.222	Cum	Per cubic metre
Provid	fing wood work in frames of false ceiling, partitions etc. sawn and fixed in position	0.440		
Provid	ds and lifts.:- Rae wood/chill wood	0.416	Cum	Per cubic metre
panelli inchar wood :	ing which will be paid for separately, all complete as per direction of Engineer- ge. (Note:- Butt hinges and necessary screws shall be paid separately) Deodar wood	7.68	Sqm	Per square metre
Provid	ing and fixing wire gauge shutters using galvanized M.S. wire gauge of average of aperture 1.4 mm in both directions with wire of the 0.00	2 17	Sqm	
and cle within	of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows erestory windows with hinges and necessary screws :including carriage of materials all leads and lifts.35 mm thick shutters with ISI marked M.S. pressed butt hinges finished of required size Second class deodar wood.	3.17	oqm	Per square metre
Providi	ing and fixing 0.63 mm thick PGI sheet ceiling/lining of approved quality with butt	44.93	Sam	
1	g and wood screws (frame work and cover fillets to be measured and paid for tely) including carriage of materials within all leads and lifts.	11.00	oqiii	Per square metre
Providi	ng and fixing 40x12 mm size wooden moulded beading to door and window frames	174.50	Rmtr	
WILL II O	on screws, plugs and priming coat on unexposed surface etc. in 2nd class teak wood etc including carriage of materials within all leads and lifts.	174.50	, runu	Per running metre.
Providir	ng 40x5 mm flat iron hold fast 40cm. Long including fixing to frame with 10mm	34.00	No.	
30x10x	er bolts & nuts and wooden plugs and embeding in cement concrete block 15cm. 1:3:6 (1 cement : 3 sand: 6 graded stone aggregate 20mm nominal size). ng carriage of materials within all leads and lifts.	34.00		Each

iding and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, nuts and screws etc. complete : complete including carriage of materials within all ds and lifts. 250x16 mm	5,00 No	Each
by solviding and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less necessary screws etc. complete: 150x10 mm	27.00 No	Each
Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :125mm.	19.00 No	Each
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.	5.44 Sqm	Per square metre
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 Size of Tile 300mm x450mm.	33.34 Sqm	Per square metre
Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm.	41.04 Sqm	Per square metre
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 perment mortar 1.3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm	4.28 Sqm	Per square metre
Removing dry or oil bound distemper, water proofing cement paint and the like by crapping, sand papering and preparing the surface smooth including necessary repairs to cratches etc. complete.	37.84 Sqm	Per square metre
5 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 ne sand) including carriage of materials in all leads and lifts.	55.30 Sqm	Per square metre
mm cement plaster of mix: 1:3 (1 cement: 3fine sand) complete including carriage of aterials within all leads and lifts	1.33 Sqm	Per square metre

4.00 No	Each
2.00 No	Each
6.60 Pana	Per running metre.
	Per running metre.
	Per running metre.
2000	Each
	Each
	Per cubic metre
20.32 Sqm	Per square metre
94.60 Sqm	Per square metre
55.30 Sqm	Per square metre
74.53 Sqm	Per square metre
74.53 Sqm	Per square metre
61.39 Sqm	Per square metre
	74.53 Sqm 74.53 Sqm 55.30 Sqm 94.60 Sqm 20.32 Sqm 0.62 Cum 1.00 No 7.60 Rmtr 3.50 Rmtr

Edd edg garden a sea and and a

nd b

- 0	A BAASA	5.00 110	20011
1	Providing and fixing PVC Finolex Type B collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia.	3.00 No	Each
)	75mm dia	5.00 No	Each
i	Rates should be quoted for all heights including all leads and lifts for internal and external works.		Total
li	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.		

2.00 No

3 00 No

Providing and fixing PVC plain tee ISI marked including fixing with approved adhesive etc.

complete including carriage of materials within all leads and lifts:-(i) 110mm dia

75mm dia

Executive Engineer,

Each

Each

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

Estimated Cost Rs. :- 130270.00 Earnest Money Rs. :- 2620.00 Time:- One Month.

de tile work Marble work and other

miscellenous repair work in block-30 set no 15& set No 5 at U.S Shimla.	Quantit	v		Rate	Unit.	Amount
Items of work	Q	,	In figuers	In words	D bis mates	
Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.99	Cum			Per cubic metre	
Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres leadcomplete including carriage of materials within all leads and lifts. For thickness of tiles 10 mm to 25 mm	8.59	Sqm.			Per square metre.	
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)	0.99	Cum			Per Cubic meter	
Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement: 4 coarse sand), jointstreated with white cement, mixed with matching pigment, epoxy touch ups,including rubbing, curing, moulding and polishing to edges to give high gloss finish etc.	2.24	Sqm			Per Square metre	
Making nosing/moulding in granite stone including polishing etc.complete including carriage of materials within all leads and lifts.	3.18	Rmt		-	Per running metre	
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	4.80	Sqm			Per square metre	
Providing and fixing 19 mm thick commercial board shutter for cup coards including fixing with nickel plated plano hinges with screws etc. complete including carriage of material in all leads and lifts	4.49	Sqm.			Per Square metre	
Providing and fixing 19 mm thick commercial board in shelves, lining, pox for cup boards with butt joints fixed with nails and screws etcomplete including carriage of material in all leads and lifts	10.71	Sqm.			Per Square metre	

all I rope lete shin shu mdin ndin lerial uildin ans se on w to bure.	ying gir	3 N N N N N N N N N N N N N N N N N N N	
Providing and fixing 1.0 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and	6.43	Sqm.	Per Square metre
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	15.00	Rmt.	Per running metre
iffs. 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	11.00	No	Each
:125mm. Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials in all leads and lifts.	8.00	No	Each
Providing and laying Ceramic glazed wall tiles (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 bed of cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete including carriage of materials within all leads and lifts.	14.53	Sqm	Per square metre
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 including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	24.21	Sqm.	Per Square metre
Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600mm X 600mm.	14.99	Sqm.	Per square metre.

	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.	30.70	Sqm.	metre
	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied of approved brand and manufacture. Including carriage of materials in all leads and lifts.	30.70	Sqm.	Per Square metre
1	Wall painting(one coat) with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth including carriage of material in all leads and lifts.	71.65	Sqm.	Per square metre.
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.	1.00	No	Each
20	Providing and fixing 100 mm dia chromium plated grating of superior quality for floor, gully or nahani trap including carriage of materials within all leads and lifts.	1.00	No	Each
21	Providing & fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts, including carriage of materials within all leads and lifts	1.00	No	Each
22	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.	1.00	No	Each
	CONDITION			
i	Rates should be quoted for all heights including all leads and lifts for internal and external works.			
i	Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in			

the market should confirm to bureau of indian standards.

Executive Engineer, Shimla Division No. III,

Per Square

Du

Estimated Cost Rs. 427471.00 Earnest Money Rs. 8550.00

one months. Time:-

Name of work: Improvement of cart road to Annadale road at RD 0/00 to Km 4/160) (SH:- Construction of R.C.C slab culvert at RD 2/960 to 2/969.

^	g N	Items of work	Quantity	Rate	Unit	Amount
_			드	In figuers In words		
		St. Testes was as per direction of Engineer - in - charge Nominal concrete 1:3:6 or leaner mix (i/o	7.880 Cum		Per cubic metre	
		She rentocement to R.C.C. work including straightening, cutting, bending, placing in position and photos, all complete upto plinth levels. Hot rolled deformed bars complete including carriage of materials within all leads and lifts as per direction of Engineers in scharge.	2343.00 Kg.		Per Kilogramme.	
,		concrete for temporal concrete catched and machine mixed design mix M-25 grade cement concrete for temporal concrete work using cement content as per approved design mix, modeling, compare to site of laying but excluding the cost of centering, shuttering, finishing, and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accept the cost of concrete improve workability without impairing strength and durability as	19.52 Cum.		Per cubic metre.	
	a o . E 0	centering and laying in position specified grade of reinforced centerit condrete, excluding the cost of sentency shuttering finishing and reinforcement. All work up to plinth level 1:1.5:3 (10ement : Stockers sand : 3 grades store aggregate 20mm nominal size) complete including camage of transmiss within all leads and lifts as per direction of Engineer-in-charge.	4.43 Cum		Per cubic metre	
	E # 8	Thomess complete as per HP PMD specified and of arriage of material within all leads and perfect the complete and perfect the complete and perfect the same of the	5.90 Cum		Per cubic metre.	
	1598	floors have anothers become structured proportion and removal of form for :- Suspended carrage of materials within all leads and access practions and Sheves (Cast in stul) complete including Discouse of materials within all leads and lifts as per direction of Engineer - in - charge.	42.66 Sqm.		Per square metre.	
	1 2 8	nechanical means including transporting unbehvoeable, dismanted or waste materials by or as approved municipal dumping ground or as approved by Engineer-in-change, beyond 50m initial lead, for all leads including all lifts involved more mounting and into a leads and lifts.	6.30 Cum		Per cubic metre	
	Ņ,	Pares should be outlied for all heights including all leads and lifts for internal and external works.			Total	
-	1	Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before active on work and any or all of the materials which are available as not indice activities.				

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

Define actual use or won' and any or all of the materials which are evaluable as per Indian standard in the market

shoure comfirm to humbel, of inclear stendents.



Estimated Cost Rs. :- 172515.00

SI. No.	ne of work: - A/R & M/O to Type-I sets Mashobra View at IGMC. Shi	imlal(SH	:- Pai	nting and D	istempring)	Time	- One Mo
1	Distempering with 4-4	Quantity			Rate	Unit.	Amount.
	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less work (one or more coats) Wall painting with Wall painting with	930.0	3 Sqm	In figuers	In words	2523000	Amount.
2	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than required, to achieve even shade and colour. (i) One Coat		5 Sqm			Per Square Metre	
3	Finishing walls with Acrylic Smooth exterior Emulsion of required shade :(i) Old work One					Per Square Metre	
4	Removing dry or all bound dist		Sqm			Per Square	
	Removing dry or oil bound distemper, water proofing cement paint and the like by scratches etc. complete.	656.22	Sqm.			Metre Per	
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	656.22	Sqm			Square Metre Per	
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade on Wod Based Surfaces :(i) One or more coats on old work	370.13	Sam			Square Metre	
	Painting with synthetic enamel paint of approved by					Per Square	
	of our aces (i) One or more coats on old work	35.82	Sqm			Metre Per Square	
į.	Providing Scaffolding for all kind of works in Multistory Building up to all floor hight/	105.33	Sam			Metre	
	levels Bamboo complete tiled with rope on joints and pedistal of CGI Sheet etc. in all respect including carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.		- 4			per square meter	
	Conditions:-					2.554.254	

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

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 charped

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.

Recovery of useful bricks 57 00 recovered from site will be charged / deducted from contractor @ Rs. 5 00 Each.



Estimated Cost Rs. :- 498374.00

Earnest Money Rs. :- 9970.00

Name of work: -Special Repair of Nallah from Dental college at IGMC. Shimla (SH:- Providing and Laying RCC Work .1:2:4,Form work, Brick work, Plastring and PVC. Pipe etc. (Phase-2))

SI. No.	Items of work	Quantity			Rate	Unit.	Amount
140.	D. C. F.			In figuers	In words	—	Amount
1	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	33.00	Cum			Per Cubic Metre	
2	Centering and shuttering including strutting, propping etc. and removal of form for :(i) Foundations, footings, bases of columns, etc. for mass concrete		Sqm			Per Square	
	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.(i) Mild steel and Medium Tensile steel bars		KG.			Metre Per Kilogram	
	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)	7.69	Cum			Per Cubic Metre	
	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)	225.00	Sqm			Per Square Metre	
	Conditions:-					Total	

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

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

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

Recovery of useful bricks 181.00 recovered from site will be charged / deducted from contractor (\$ Rs. 4.00 Each.

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

ii

in fix ong sts e i g ds/ ge g i ion inc

ali gr or mai

nag cluc mai

wde rew:

00 li PVC ninal gemi arriaç

Estimated Cost Rs. :- 403478.00 Earnest Money Rs. :- 8070.00 Time:- One Month.

g & Acrlic Emulsion	Amount	Unit.
Wilder Shimla-2(SH:- Painting & Acrlic Emulsion		Rate
VIV menin +2	ce building at Myann	1
	service Commission offi) office Changing colour
	L. A/R & M/O to Public	Name of Works of Building (Block-A) office Changing con
\		Name of wo

Unit. Amount.		Per	Square		Per	metre	Per	Square	Per	Square	Metre	Metre	Total			
Rate	-	Il liguera														
	Quantity	$\overline{}$	2388.00 Sqm		2388 00 Sam			2388.00 Sqm.		d 1185.93 Sqm	· ·	o 63.55 Sqm.				for
Name of work: - A/R & M/O to Public service Collinia colour Scheme)	inner side of Danama	Items of work		Removing dry or oil bound distemper, water process smooth including necessary	repairs to scratches etc. complete including carriage of matching.	lifts	Providing and applying white common providing surface to prepare the	surface even and smooth complete.	Wall painting interior with actylic emission per work	give an even snade (V) income and manufacture of require	Painting with synthetic enamel paint of approved brain and mork on wood complete	colour to give an even shade One of more and lifts. Including carriage of materials within all leads and lifts.(i) Two	French spirit polishing including carriage of wood filler	or more coats on new works incremes	Conditions:-	Rates should be quoted for all heights induding all naces. The Division No.V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for
Nan	Pair	2		н			2		m		4		5			

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

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 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.

Recovery of usefull bricks 181.00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

17

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

(22)

Estimated Cost Rs. :- 162835.00

Earnest Money Rs. :- 3260.00 Time:- One Month.

	Name of work:-A/R and M/O Various residential buildings under div and Yates cottege set no.4 at Benmore Shimla) Items of work	Quantity		Rate	Unit.	Amount
S		Quantity	In figuers			
1	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints and fixing with nails and screws etc complete including carriage of materials within all leads and lifts	47.16 Sqm.			Per square metre.	
2	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.	16.11 Sqm.			Per square metre.	
3	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inciding carriage of materials within all leads and lifts.	12.97 Sqm.			Per Square metre	
	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. including carriage of materials within all leads and lifts.	22.79 Sqm.			Per square metre.	
•	Providing and fixing hard wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts	67.12 Rmt.			Per running metre	
	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) 100mm size.	28.00 No.			Each.	
¥	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip horizontal type).	23.00 No			Each	
lo	roviding and fixing powder coated telescopic drawer channels 300 mm and with necessary screws etc. complete as per directions of Engineer- -charge	6.00 No.			Per Set	
(S)	roviding and fixing 1000 litres net capacity PVC water storage tank of it: 12701 marked/ PVC Sintex or equivalent, G.I. inlet and outlet ennection, 15mm nominal bore ball valve and mosquito proof PVC over with locking arrangement including hoisting up to all heights above bund level including carriage of materials within all leads and lifts.	2000.00 ltr.			Per Litre	

Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials within all leads and lifts - (i) 15mm nominal bore. Providing and fixing ball valve (brass) of approved quality. High or low pressure, with plastic floats complete including carriage of materials within all leads and lifts.: (i)15mm nominal bore. Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge. Painting wood work with Deluxe Multi Surface Paint of required shade. Painting wood work with Deluxe Multi Surface Paint of required shade. Painting with synthetic enamel paint of approved brand and manufacture including carriage of materials within all leads and lifts. Providing and fixing water closet squatting pan (Indian type W.C. pan.) with 100 mm sand cast ron P or S trap, 10 litre low level white P.V.C. flushing cistem, including flush pipe, with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete, including and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size selected.
2.00 No 1.00 No. 91.27 Sqm 91.27 Sqm 71.49 Sqm 1.00 No
No. Sqm Sqm

可是以為一日孫之一是不然同語中國語的 人門不下年十年 下一日

CONDITION

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

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

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



Estimated Cost Rs. :- 499554.00 Earnest Money Rs. :- 10000.00

Time:- One Month.

me	of work: -A/R &M/O to Various Building under IGMC Shimla (SH:-	antitu			Rate	Unit.	Amount.
	Items of work	Quantity		In figuers	In words		
	Items of wom			III liguett		Per	
	t ariset means including	28.62	Cum			Cubic	
	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in -					Metre	
	disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal of material within 50 metres lead as per direction of the disposal				70-900	Per	
	charge (i) Home average / manual	139.32	Cum			Cubic	
	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,					Metre	
	acting out the excavated soil and disposal					Per	
	within a lead of 50 m.(i) All kind of soil Dismantling C.I. or asbestos rain water pipe with fittings and clamps including stacking the	320.00	Rmt.		1	Running	
_	C.L. or ashestos rain water pipe with fittings and clamps with					Metre	
	material within 50 metres lead (i) 100 mm and pri		_			Per Cubic	
	to reducting the cost of centering and	10.00	Cum.		1	Metre	1
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: (a) 1:5:10 (1 cement: 5 coarse sand): 10 graded stone	1	1				-
	shuttering - All work up to plintin level . (a)		Cum			Per Cubi	c
	angregate 40 mm nominal size)		100			Metre	
	Providing and laying in position cement concrete of specified grade exceeding providing and shuttering - All work up to plinth level :(i) 1:4:8 (1 cement : 4 coarse sand) : centering and shuttering - All work up to plinth level :(ii) 1:4:8 (1 cement : 4 coarse sand) :	9	1	1			
	centering and shuttering - All work up to plants	28	8 cum			Per cubi	c
	graded stone aggregate 20 mm nominal size) Providing and laying in position cement concrete of specified grade excluding the Providing and laying in position cement concrete of specified grade excluding the	2.0	o cum			metre	
	Providing and laying in position cement concrete of specified grades and specified grades are cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 cost of centering and shuttering aggregate 20 mm nominal size)	1		1	1	1	
	cost of centering and shuttering - All Work of the nominal size)					Per	
	coarse sand): 4 graded stone aggregate 20 mm successions type-B spigot socks		00 Rm	t.		Running	,
	Providing and fixing 150 mm dia pipes on wall face P vo 4.5 kg/sgm including coll	er				Metre	1
	waste and ventilating pipes of working pressure not less than 4.3 kg/sqn/ indeeds waste and ventilating pipes of working pressure not less than 4.3 kg/sqn/ indeeds waste and filling the joints with approved adhesive complete including carriage of materials with and filling the joints with approved adhesive complete including carriage of materials with	in	1	1		W-27.25.70	
	and filling the joints with approved admostrs					Each	
	all leads and lifts(I) 150mm Norminal Dia	ngl 4.	00 No			-	
B	all leads and lifts(I) 150mm Nominal Dia Providing and fixing 150 mm dia PVC Finolex Door Bend type-B ISI marked includi Providing and fixing 150 mm dia PVC Finolex Door Bend type-B ISI marked includi fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts and lifts are recompleted.	ds		1	1		
	fixing with approved adhesive etc. complete		_		_	Each	
	and lifts (I) 150mm Nominal Dia	inal 10	00 No				
9	Providing and fixing 150 mm dia PVC Finolex Collar type-B ISI market including with approved adhesive etc. complete including carriage of materials within all leads a	and	- 1				
	with approved adhesive etc. complete. Including		_		_	Each	
	lifts (I) 150mm Nominal Dia	ling 10	.00 No	D.			
10	Providing and fixing 150 mm dia PVC Finolex Plain Bend type B 151 market providing and fixing 150 mm dia PVC Finolex Plain Bend type B 151 market providing and fixing with approved adhesive etc. complete including carriage of materials within all le	ads	1	1	. 22	1	
	fixing with approved adhesive etc. complete including carriege and lifts.(I) 150mm Nominal Dia						

Providing and fixing 110 mm dia pipes on wall face PVC Finolex type-B spigot,socket, waste and ventilating pipes of working pressure not less than 4.5 kg/sqm including coller and filling the joints with approved adhesive complete including carriage of materials within all leads and lifts(I) 110mm Nominal Dia	12.00 Rr	nt.	Per Running Metre
Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design (i) Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg):	2.00 N	0	Each
Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement: 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete: For pipes 100 to 250 mm diameter including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	4.00	No.	Each
Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	20.00	Sqm	per square meter
Providing Scaffolding for all kind of works in Multistory Building up to all floor hight/ levels Bamboo complete tiled with rope on joints and pedistal of CGI Sheet etc. in all respect including carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge.	51.50	Sqm	per square meter
Conditions:-			Total

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

14



iii Useful materials will be rearded over to the Assistant Engineer, Sub Division, No V. HPPWD, Raj Bhawan Shimle-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 meterials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Recovery of useful bricks 57.00 recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

Conditions:-	Engineer-in-Ch		15 Providing Scaff levels Bamboo all respect inclu			ω
	Engineer-in-Charge.	all respect merens	Providing Scaffolding levels Bamboo comp	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -50 grade made by block making machine with strong vibratory compaction, of approved M -50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge. Providing Scaffolding for all kind of works in Multistory Building up to all floor hight levels Bamboo complete tiled with rope on joints and pedistal of CGI Sheet etc. in levels Bamboo carriage of materials in all leads and lifts as per direction of the	Making connection of into and making good 2 coarse sand : 4 gra on both sides with ce floating coat of neat complete :For pipes 1 all leads and lifts as pall leads and laying 60 M -50 grade made by by size, design & shape, I compacted bed of coardirection of Engineer-in-providing Scaffolding levels Bamboo complete samples of the sample	Constructing brick ma sand) with R.C.C. top 3 graded stone aggreg cement: 4 coarse sand sand) finished stone aggreg cement: 4 coarse sand size), inside plastering sand) finished with floconcrete 1:2:4 (1 cem nominal size) finished design: (i) Inside size (medium duty) 500 mm less than 116 kg (weig less than 116 kg (weig coarse sand: 4 graon both sides with ce floating coat of neat complete: For pipes 1 all leads and lifts as peroviding and laying 60 M -50 grade made by be size, design & shape, I compacted bed of coardirection of Engineer-indirection of Engineer-indirection complete including co
gineer-in-Charge.		Providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing Scaffolding for all kind of works in Multistory Building up to all floor night providing for all kind of works in Multistory Building up to all floor night providing for all kind of works in Multistory Building for all floor night providing floor night providing for all kind of works in Multistory Building floor night providing	פכווטוו טו בוישוויסט	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :For pipes 100 to 250 mm diameter including carriage of material within all leads and lifts as per direction of Engineer-in-charge. Providing and laying 60mm thick factory made cement concrete interlocking paver block of Providing and laying 60mm thick factory made cement concrete interlocking 50mm thick size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	all leads and inst) 10 min
iding Scaffolding for s Bamboo complet spect including carr neer-in-Charge.	iding Scaffolding for is Bamboo complet is Bamboo complet is pect including carr	מטויסו בוישוויסט ייי	iding and laying 60mn 0 grade made by bloc design & shape, laid bacted bed of coarse		ring connection of dr and making good th xarse sand : 4 grade yoth sides with ceme ting coat of neat ce plete :For pipes 100 yads and lifts as per	structing brick mason d) with R.C.C. top slivaded stone aggregated the content of
made by block made by block made by block made of coarse sand magineer-in-charge caffolding for all cluding carriage.	made by block mages and a shape, laid in & shape, laid in ed of coarse sand in gineer-in-charge caffolding for all complete till controlled carriage.	made by block made by block made by block made, laid in the coarse sand the co	d laying 60mm thi	d lifts as per dire	nection of drain aking good the wand: 4 graded ses with cement of neat ceme	g brick masonry g brick masonry R.C.C. top slab wone aggregate 20 coarse sand (zor plastering 12 m ed with floating of 2:4 (1 cement: 2 e) finished with a nside size 120x9 ity) 500 mm intel 16 kg (weight of weight of pection of drain nection of drain
ying 60mm thick factory made cement concrete interlocking paver block of be by block making machine with strong vibratory compaction, of approved hape, laid in required colour and pattern over and including 50mm thick of coarse sand, filling the joints with line sand etc. all complete as per the neer-in-charge. olding for all kind of works in Multistory Building up to all floor hight complete tiled with rope on joints and pedistal of CGI Sheet etc. in ding carriage of materials in all leads and lifts as per direction of the arge.	mm thick factory lock making mac aid in required on the se sand, filling the charge. for all kind of whe se tiled with reprise tiled with reprise tiled with reserving the second secon	mm thick factory lock making mac aid in required or se sand, filling the charge.		ment mortar 1: cement and m 100 to 250 mm er direction of E	drain or sewer the walls, floor	sonry manhole slab with 1:1.5; slab with 1:1.5; gate 20 mm nor not
mm diameter of Engineer-in ctory made cem machine with stred colour and ng the joints with rope on joir naterials in all	of Engineer-in ctory made cem machine with so red colour and ng the joints with rope on joir naterials in all	of Engineer-in ctory made cem machine with sired colour and ng the joints wit	mm diameter of Engineer-in	ewer line with cer floors with cer aggregate 20 ar 1:3 (1 ceme ar 1:3 necessity)		nole in cement 1:1.5:3 mix (1 ce 1:1.5:3 mix (1 ce 1 nominal size), 1 Regraded sto 1 Regraded st
ement concrete strong vibra and pattern ov with line san joints and per all leads and	r-in-charge. Dement concre th strong vibra and pattern ov with line san Multistory B joints and pe all leads and	r-in-charge. cement concre th strong vibra and pattern ov with line san	r-in-charge.	rith existing n cement concement concement concement concement concement conceeds and conceeds are including necessary concement conceeds are conceeded as a concessary conceeded as a concessary conceeded as a concentration of the concessary concentration of the		ant mortar 1.4 1 cement : 1. ze), foundatio ze), foundatio stone aggree ent mortar 1: ent and makin graded stone neat cement deep includin tal weight of franceight of
Building up pedistal of one of the pedistal of	Building up pedistal of o		crete interloc yratory comp over and inc	minal size) coarse sanc channels 1 g carriage	manhole ir	1:4 (1 ceme 1.5 coarse ition concret regate 40 m 1:3 (1 ceme king channe king channe ne aggrega nt complete ding C.I. co of cover and rame 58 kg) manhole ir
CGI Shee per directio	CGI Shee	p to all flo	cking paver paction, of a cluding 50r complete as	cement pl d), finished for the dr of materia	ncluding b	ent: 4 coa sand (zon the 1:4:8 mi mm nomina nent: 3 coa els in cem ate 20 mm ate 20 mm ate per sta yer with fir d frame to I d);
9	מו מו מו	or hight/ et etc. in	r block of approved mm thick is per the	lastered d with a rain etc. al within	reaking rement :	arse he-III): al arse hent andard rame be not be not reaking
		51.5	20.0		4.00	4.00 No
		.50 Sqm	20.00 Sqm		No.	No.
					m	m
	lota	square meter	square meter	per	Each	Each
	٦					

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

Recovery of usefull bricks 57.00. recovered from site will be charged / deducted from confractor @ Rs. 5.00 Each.

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.

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

Z

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

34

Estimated Cost Rs. :- 385537.00 Earnest Money Rs. :- 7710.00

Time:- One Month.

Name of work:- S/R to Various residentail buildings under division no III Shimla. (SH:- Repair of walls, repair of doors, windows, rain water pipe and other miscellenous repair work in Block-ii set No 20 at US Club shimla.)

SI.	Items of work		uantity		Rate	Unit.	Amount.
No.			•	In figuers	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 leaner mix (i/c equivalent design mix)	9.95	Cum			Per cubic metre	
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	0.49	Cum			Per cubic metre	21
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.		Cum			Per cubic metre	
	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres leadcomplete including carriage of materials within all leads and lifts.For thickness of tiles 10 mm to 25 mm	34.37	Sqm.			Per square metre.	
	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:		Rmtr			Per running metre.	
(Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineern-charge:	9.60	Rmtr		1	Per running metre.	

	Disposal of moorum/building rubbish/ malba/ similar unserviceable, 21. dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	03	Cum	Per Cubic metre
	Earth work in excavation by mechanical means (Hydraulic excavator)/manual 3. means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth all leads, as directed by Engineer-in-charge.	32	Cum	Per cubic metre
	Providing and laying in position cement concrete of specified grade 3 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)	.32	Cum	Per cubic metre.
10	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor all level, excluding cost of centering, shuttering, finishing and reinforcement 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.).49	Cum	Per cubic metre
11	Centering and shuttering including strutting, propping etc. and removal of form for :Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick		Sqm.	Per square metre.
1:	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 complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.		Kgs	Per cubic metre.
1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.)	Cum.	Per cubic metre.

Othie	wood work in frames of doors, windows, clerestory, windows 0.25 or frames wrought, framed and fixed in position complete carriage of materials within all leads and lifts in 2nd class good.	5	Cum	Per Cubic metre
rade I artition rchitect er the decoration	and fixing aluminium 12mm thick prelaminated partical board flat three layer or graded wood particle board conforming to IS: 12823 Type II, in panelling fixed in aluminum doors, windows shutters and frames with C.P. brass / stainless steel screws etc. complete as per ural drawings including carriage of material in all leads and lifts and as direction of the Engineer-in-Charge.:- Pre-laminated particle board with we lamination on both sides.		Sqm.	Per Square metre
for doo black of carriag	ing and fixing 35mm thick wire gauge shutters using galvanised 8. For gauge of I.S. gauge designation 85G with wire of dia 0.56mm for swindows and clerestorey windows including bright finished enamelled iron hinges with necessary screws complete including the general within all leads and lifts as per direction of Engineer- rige in 2nd class deodar wood.	23	Sqm	Per square metre.
direct	n cement plaster on the rough side of single or half brick wall of mix : 1:6 1 nent: 6 fine sand) including carriage of material in all leads and lifts as per on of the Engineer in Charge.		Sqm	Per square metre
mate	fing and fixing murga jali of wire mesh on wall before plastering with nails on the complete or as per the direction of engineer-in-charge including carriage of the complete and lifts.		Sqm.	Per square metre.
250	ding and fixing aluminium tower bolts (berrel type) anodized trans parent yed to required shade and colour with screws etc. complete :- (i) :10mm size.	12.00	No.	Each
(11) 2	200x10mm	6.00		
(iii)	150x10mm	6.00 12.00	No.	Each Each
100000			140.	Each
(iv)	100x10mm	6.00	No.	Each
1 tra	oviding and fixing bright finished floor door stopper, ISI marked, odised (anodic coating not less than grade AC 10 as per IS: 1868) insparent or dyed to required colour and shade, with necessary trews etc. complete.	10.00	No	Each
22 1 1	roviding and fixing300mm x16mm aluminium sliding door bolts, ISI barked anodised (anodic coating not less than grade AC10 as per IS 868), transparent or dyed to required colour or shade, with nuts and crews etc. complete including carriage of materials within all leads and fts.	:	No	Each

		ľ	Per square
Providing and fixing polycarbonatd transparent sheet 1.20mm thick in 1 roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge including carrage of material within all leads and lifts.	.53	Sqm.	metre.
Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.110 mm diameter	31.50	Rmtr	Per running metre.
Providing and fixing unplasticised -PVC pipe clamps of approved design to unplasticised - PVC rain water pipes by means of rawl plugs, screwed with M.S. screws of required length,	24.00	No.	Each
Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. 20 mm dia nominal bore. External work.	18.00	Rmtr	Per running metre.
CONDITION			
Rates should be quoted for all heights including all leads and lifts for internal and external works. Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and	L		

any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.

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



Estimated Cost 425695.00 Earnest Money 8510.00

Time:- one month. Name of work:- A/R and M/O Various roads under division No III Shimla. (SH:- Widening of path leading to Old MLA qtrs to Block G and F. at RD Km 0/090 to RD0/195near Boileaungani Shimla.)

SI. No.	1	Quantity	Rate		Unit.	Amount.
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 40.		In figuers In words		۱ ۳۰۰۰ ا	
	getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. Pick and jumper work	552.45 Cum			Per Cubic	
2	Disposal of excavated path Di				metre	
1	10kms on approved dumping site of M.C. Shimla or on arranged by the contractor i.e. through all mode of transportation including head load animal load or mechanical means prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means prescribed charges of dumping to the owener of dumping site through all modes of transportation including head load animal load or mechanical means alongwith its elevelling, fine dressing and to complete the work by mechanized means and labour (if out and stacked along roads side any loss of the public/ private property during the courses of execution shall be the absolute responsibility of the contractor which shall charge.	379.76 Cum			Per Cubic metre	
K	Rates should be quoted for all heights including all leads and lifts for internal and external vorks.				Total	
	redit for useful stone for qty 24.22cum @ Rs. 500 per cubic metre					
	. > Sou per cubic metre					

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

Estimated cost:-Earnest Money:-Time :ame of work:-Special repair to DDUZ hospital Shimla. (SH:-Construction of retaining wall back side of Mortuary room) at DDU hospital Shimla.

348483.00 7000.00

One Month

I. NO.		Qty.	Rate		Unit.	Amount.
	Description		In Figures.	In Words		
	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:2:4 (1 Cement: 2 coarse sand): 4 graded stone aggregate 20 mm nominal size) as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	29.93 Cum	***************************************		Per Cubic meter	
	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1.6.12 (1 cement - 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with Cement mortar 1.6 (1 cement : 6 coarse sand) including carriage of materials in all leads and lifts. (L.R.) CONDITION:-	53.16 Cum		111	Per cubic metre.	
ą	Rates should be quoted for all heights including all leads and lifts for internal and external works.				Total:	-

Executive Engineer Shimla Division NO:10. HP RWD.Shimla-171003

Estimated Cost Rs. :- 384716.00 Earnest Money Rs.: - 7700.00

Time:- One Month.

Name of work:- S/R to Various residentail buildings under division no III Shimla. (SH:- Providing and fixing pine wood ceiling etc in Benmore-8)

SI.	Items of work		ntity	Rate		Unit.	Amount.
No.				In figuers	In words		
1	Providing and fixing 12mm thick imported pine wood ceiling/ lining with tongued and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of material within all leads and lifts.	124.91	Sqm			Per square metre.	
	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood. 50x50 mm (base and height)	174.60	Rmtr			Per running metre	
1	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 9mm thick ply inclding carriage of materials within all leads and lifts.	134.99	Sqm.			Per Square metre	
	CONDITION						

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

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

> Executive Engineer, Shimla Division No. III, HP. PWD. Shimlar3.



Estimated Cost Rs 430625.00 Earnest Money Rs 7950.00

Time:- Eight months

Name of work:- Restoration of rain damages road from cart road to Annadale road KM 0/00 to/160 . (SH:- White washing and painting paraphet

SI. No.	Items of work	Quant	100000000000000000000000000000000000000		Rate	Unit.	Amount.
	trimming of from grass and weeds from the shouldes beams and disposing off the same to suitable location as per technical specifications clause 1914 or complete.	***************************************		In figuers	In words		Amount
	within all leads and lifts.	7293.00	Sqm			Per square metre	
	Maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical assets.		l				
	side drains as well as catch water drains as per technical specification Clause 1907 complete including carriage of materials within all leads and lifts.	3986.20	Rmtr			Per running metre	
	Maintenance of Slab type Culverts by way of , Cleaning, Erosion repair,						
	repairs to cracks, parapet walls and Protection works as per drawing and technical specification Clasue 1908 complete including carriage of materials within all leads and lifts.	4.00	No.			Each	
	Finishing wall with weather proof exterior grade emulsion of approved brand of colours on undecorated wall surfaces (two coats) to give an even shade and fartificial brand of colours on						
	undecorated wall surfaces (two coats) to give an even shade and final finish after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth	4116.08	Sqm			Per square meter	
1	Rates should be quoted for all heights including all leads and lifts for internal and external works.						
ii	Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.					Total	

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

Estimated Cost Rs. :- 499843.00 Earnest Money Rs. :- 10000.00

Time:- One Month.

me of work: -Construction of Toilet and Bathroom for attendant in IGMC Shimla. (SH: - Construction of Three Bath & Toilet etc.)

	Quantity			Rate	Unit	Ta
Excavation in foundation, trenches etc. in earth work in all classification of soil such as pick work, umper work, pick jumper work, blasting work, immer blasting work is immer blasting.			In figuers	In words	Unit.	Amount.
isaturated soil, de-watering, including wedging out rocks where blasting work is prohibited, chiseling or any other mixed variety of soil, de-watering and/or removal of slush and incidentals, the edge of excavation and the excavated soil not more than 3mtrs (Three metres) clear from		Cum.	•	III WOIGS	Per cubic metre	
en required into plinths, sides of foundation etc. consolidating each deposited layer by arge including carriage of materials within all leads and lifts.						
Providing and laying cement concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40mm nominal size) and curing complete evaluations.						
shuttering including carriage of materials in all leads and lifts in foundations and plinth.		Cum			Per cubic metre	
Random rubble masonry / polynonal rubble mason			1 1		1 1	
Random rubble masonry / polygonal rubble masonry (uncoursed / brought to courses) with hard stone of approved quality in foundation and plinth in cement mortor 1:6 (1 cement :6 sand) in breast walls and retaining walls including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	5.86	Cum			Per cubic metre	
Providing Second class help			1 1		1	
Providing Second class brick work using common burnt clay building bricks in foundation and plinth in cement mortar 1:6 (1 cement : 6 sand) including carriage of materials in all	0000000	Cum			Per cubic	
Second class half brick masses :			1 1		metre	
Second class half brick masonary in common burnt clay building bricks in superstructure upto floor all level in cement mortar 1:4 (1 cement : 4 sand) including carriage of materials	23.40	Sqm			Per	
Providing wood work in frames of the					square	
Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position complete including continuous.	0.47	Cum			metre	
leads and lifts in 2nd class deodar wood.	2000	Cum			Per Cubic metre	
Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and clerestory windows including black enamelled into himself and plazed shutters for doors						
windows and clerestory windows including black enamelled iron butt hinges with necessary in-charge in 2nd class deodar wood.	9.40	Sqm.			Per square	

	Froviding and fixing 250mm x16mm size oxidized M.S.C.P. sliding door bolts with nuts and	6.00	No	Each
	screws etc. complete including			Each
1	Providing and fixing aluminium tower bolts (Barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete. The rate is inclusive for carriage of materials within all leads, lifts and other incidentals:- (i)150mm X 10mm size.	12.00	No	Eaul
₽	100mm X 10mm size.	6.00	No	Each
5	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials within all leads and lifts:- (i) 125mm size.	12.00	No	Each.
7	5mm size.	6.00	No	Each.
t	Providing and laying ceramic tiles of approved size, shade, design and quality in flooring, treads of steps laid on a bed of 12mm thick cement mortar 1:3 (1 cement: 3 sand) finished with flush pointing in white cemen including carriage of materials within all leads and lifts.	13.92	Sqm.	Per square metre
1	White glazed tiles 6mm thick of approved size, shade, design and quality in skirting risers of steps and dado 12mm (Twelve milimetre) thick cement mortar 1:3 (One cement is to Three Sand) and jointed with cement slurry including carriage of materials within all leads and lifts.	43.80	Sqm.	Per square metre
i	Steel work welded in built up sections, including hollow section trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists, chanels, 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.	510.00	Kg.	Per Kilogram me
- 1	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20microns over 5microns primer coating to back coat of polyster of 5microns over 5microns primer coating including fixing with self drilling screws complete with prepainted limpet and rubber washers complete with all accessoriees as required as per the direction of Engineer-in-charge including carriage of materials upto all leads and lifts.	30.24	Sqm	Per square metre
	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.		Sqm	Per square metre
	15mm cement plaster in single coat on fair side of brick/ concrete/ stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and smooth including carriage of materials within all leads and lifts:-Cement mortar 1:6 (1 cement : 6 sand)) Sqm	Per square metre
	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil.grease.dirt and other foreign matter) sand papering and knotting Readymixed paint brushing wood primer pink.including carriage of materials within all leads and lifts	27.18	B Sqm.	Per square metre

Æ				
0	Painting two coats (excluding 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 paint.	27.18	Sqm.	Per square metre
1	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 including Priming coat with distemper primer with carriage of materials within all leads and lifts.	77.44	Sqm.	Per square metre.
2	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C pan) size 580mm (Earth work, bed concrete, foot rest and trap to be measured and paid for separately) including carriage of materials within all leads and lifts :-Orissa Pattern.	2.00	No.	Each
3	Providing and fixing vitreous China wash down, water closet (European 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 over to be measured and paid for separately) :-Ordinary Closet including carriage of materials within all leads and lifts.	2.00	No.	Each
14	Providing and fixing 110mm dia PVC 'P' or 'S' trap for water closet (squatting pan) ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etc.complete including carriage of materials within all leads and lifts.	2.00	No.	Each
15	size 42X39X14cm or equivalent with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and ovrflow pipe, 40mm dia C. P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow) pipe to be measured and paid for separately including carriage of materials within all	4.00	No.	Each
26	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts :- Solid Type:-White plastic seat and cover.	2.00	No.	Each
27	Providing and fixing 550mmx400mm 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	2.00	No.	Each
28	for the reception of pipes and fittings including carriage of materials within all leads and lifts.	2.00	No.	Each
29	Providing and fixing 32 mm dia C.P. waste for wash basin or sink including carriage of materials within all leads and lifts.	2.00	No.	Each
30	Providing and fixing 100mm C.P. grating for floor or nahani trap including carriage of materials within all leads and lifts.	6.00	No	Each
31	Providing and fixing looking mirror of size 600mm X 450mm with plastic frame (superior quality) including backing support and fixing with screws etc at site as directed by Engineer-in-charge including carriage of materials within all leads and lifts.	2.00	No.	Each

				T
	Providing and fixing 15mm dia CP brass bib tap with capstan head including carriage of materials within all leads and lifts.	6.00		Each
	Providing and fixing 15mm dia CP brass pillar tap with capstan head including carriage of materials within all leads and lifts.	4.00	No.	Each
	Providing and fixing 45cms length PVC connection pipe with union including carriage of materials within all leads and lifts: 15mm nominal bore.	2.00	THE STATE OF THE S	Each
	Providing and Fixing PVC. Pipe for severage line Type- B including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge (i) 100mm nominal size	17.00	Rmt.	Per running metre
	(ii) 75mm nominal size	11.20	Rmt.	Per running metre
	Providing and Fixing PVC. Pipe Accessories for severage line Type- B including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge (i) Plain bend 100mm nominal size	6.00	No.	Each
	(ii) Plain bend 75mm nominal size.	8.00	No.	Each
	Door Bend (i) 75mm nominal size.	3.00	7929930	Each
	Door Bend (ii) 100mm nominal size.	5.00		
	Collar 75mm nominal size.	3.00		Each
0	Collar 100mm nominal size.			Each
	Providing and fixing PVC floor traps ISI marked of self cleaning design including fixing	4.00		Each
	including carriage of materials within all leads and lifts:- (i) 75mm nominal size diametre.	2.00	No	Each
1	(ii) 100mm nominal size diametre			
	Providing and fixing 15mm nominal bore to wall ceiling and floors galvanised mild steel	4.00	1000	Each
	floor complete including carriage of materials within all leads and lifts.	17.80	Rmt	Per running
	Conditions:-			metre
	i Rates should be quoted for all heights including all leads and lifts for internal and external works.			Total

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

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

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.



Estimated Cost Rs 380062.00 Earnest Money Rs 7600.00

Time:- one month

Name of work:- S/R to various residential buildings under division no III Shimla. (SH:- Providing and laying floor tile, repair of cupboards, repair of W.C painting and distempering etc in set No. 9 Type III in Spring field at Chotta Shimla.)

SI. No.	Items of work	Quant	ity		Rate	Unit.	Amoun
				In figuers In words			
	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 leaner mix (i/c equivalent design mix)	1.35	Cum			Per cubic metre	
	Dismantling tile work in floors and roofs laid in cement mortar including stacking material wwithin all leads and lifts including carnage of materials For all thickness.	40.01	Sqm	1		Per square metre	
	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground withinall leads and lifts.	44.64	Sqm.			Per square metre	
	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)	0.84	Cum.			Per cubic metre	
	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws including carriage of materials within all leads and lifts 35 mm thick shutters with ISI marked M.S. pressed butt hinges bright finished of required size Second class deodar wood.	0.90	Sqmtr			Per square metre	
	Providing and fixing 250mm x16mm aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC10 as per IS_1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials within all leads and lifts.	1.00	No.			Each	
	Providing and fixing 150mm X 10mm size aluminium tower bolts (Barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials within all leads and lifts.	20.00	No		11.0000	Each	
	Providing and fixing 125mm size aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials within all leads and lifts.	20.00	No.			Each	
	Providing and fixing 19mm thick Commercial Board shutters for cup boards including fixing with nickel plated plano hinges with screws etc complete) including carriage of materials within all leads and lifts.	17.17	Sqm.			Per square metre.	
)	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.	41.73	Sqm.	1		Per square metre	
	Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inciding carriage of materials within all leads and lifts.	15.42	Sqm			Per Square metre	
2	Providing and fixing 1 00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. including carriage of materials within all leads and lifts.	30.02	Sqm.	Ī		Per square metre	
3	Providing and fixing first class deodar wood square edges cover fillets (beading) 19mm x 6mm section including mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	148.76	Rmt.			Per running metre	
1	Providing and fixing 100mm size bright finished brass handles with screws etc. complete including carriage of materials within all leads and lifts	46.00	No			Each	
5	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts. Double strip (horizontal type)	36.00	No			Each	
5	Providing and laying Ceramic glazed floor tiles of size 300mm x 300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in colours such as White, Ivory, Grey, Furne 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.	3.01	Sqm			Per Square metre	

ä	oviding and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water sorption less than 0.08% and conforming to IS. 15622, of approved make, in all colours and shades, laid on mm thick cement mortar 1.4 (1 cement: 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including outing the joints with white cement and matching pigments etc., complete including carriage of materials within all ads and lifts. Size of Tile 600x600 mm.	20,86 Sqm.	Per square metre.
a s o b	roviding and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water bsorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and hade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) onforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to e made separately) complete including carriage of materials within all leads and lifts as per direction of Engineer in charge: Size of Tile 600mm x 600mm.	44.64 Cum	Per cubic metre
	Smm thick cement plasters in single coat on rough side of brick/ concrete/ stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth with cement mortar 1:6 (one cement: six sand) complete including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	44.64 Sqm	Per square metre.
	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.	132.30 Sqm.	Per square metre.
	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	247.64 Sqm	Per square metre
	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.	117.14 Sqm.	Per square metre
	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture complete including carriage of materials within all leads and lifts.	117.14 Sqm.	Per square metre.
	Painting steel work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture, complete including carriage of materials within all leads and lifts.	87.60 Sqm.	Per square metre.
	Distempering(one coat) with oil bound washable distemper of approved brand and manufature 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 carnage of materials in all leads and lifts.	188.97 Sqm.	Per square metre.
	Providing and fixing Ess-Ess make curtain rod 25mm dia with brackets, complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	14.40 Rmt.	Per running metre
	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. W.C. pan with ISI marked white solid plastic seat and lid.,Make Cera or Hindware complete including carriage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing 550mm X 400mm Flat back viterous China Hind ware or equivalent wash basin with single hole for pillar tap with C I. or M S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials within all leads and lifts.	1.00 No	Each
	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials within all leads and lifts - ESS-ESS Cat No. T-127.	1.00 No -	Each
	Providing and fixing vitreous China pedestal for wash basin complete recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing C.P. brass angle stop cock 15mm (fifteen millimetre.) nominal bore including carriage of materials within all leads and lifts - Ess Ess make Cat No. T-112.	6.00 No.	Each
	Providing and fixing Bib cock with foam flow without wall flange of approved quality conforming to IS:8931 15 mm nominal bore. including carriage of materials within all leads and lifts.Ess-Ess Trend Cat No.T-103	2.00 No.	Each

ing and fixing Wall mixer with telephonic arrangement including connection fitting complete in all respect of complete including carriage of materials within all leads and lifts -Cat No. T-121	1 00 No	Each
ading and fixing wall mixing hand shower 1flow with 1.5 mtr flex tube and hook including carriage of materials all leads and lifts Cat No-HS-107	1.00 No	Each
oviding and fixing central hole wash basin mixture / sink mixture 450mm including connection fitting complete in		
of materials within all leads and lifts:-ESS ESS Trend series T-118	1.00 No	Each
Providing and fixing 600mm X 20mmm size C. P. Towel rail complete with C.P. brackets fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts:-ESS ESS catlogue No. AC-701.	2 00 No.	Each
Providing and fixing towel ring of ESS ESS cattogue No. AC-702 or equivalent complete including carriage of materials within all leads and lifts.	1 00 No	Each
Providing and fixing Hindware, liquid soap container 109mm 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.	1 00 No.	Each
Providing and fixing 45cm length steel wire connection pipe viking make with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts. Providing and fixing C.P. Brass extension	4.00 No	Each
Providing and fixing C.P. Brass extension viking make nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge. Providing and fixing C.P. wall flange/ Cap 15mm (fifteen millimetre) nominal bore with fittings including carriage of materials within all leads and lifts.	8 00 No.	Each
Providing and Fixing PVC corner shelves 3 in 1 sizely	8 00 No.	Each
Providing and Fixing PVC corner shelves 3-in-1 single piece of make sleek Essence HSIL complete including carnage of materials within all leads and lifts	2 00 No.	Each
Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials within all leads and lifts:-Solid Type:-White plastic seat and	1.00 No	Each
Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all	2.00 No.	Fort
Providing and fixing 100mm C.P. grating viking make for floor or nahani trap including carriage of materials within all leads and lifts.		Each
Providing and fixing 600mm x 450mm baseled adds	4.00 No	Each
camage of materials within all leads and lifts	1.00 No.	Each
Providing and fixing 600mmx120mm x5mm acraylic 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.	Each
Providing and fixing 8mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make as approved by Engineer - in - charge.	1.00 No.	
Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting Chasing and making good the walls etc. 15mm nominal bore internal work	16.70 Rmt	Each
Providing and fixing PVC (Finotex) 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	4.00 No	Per running metre.
Providing and fixing high pressure PVC (Finolex) type- B spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixed the providing type including ty	15.70 Rmt	Each
Providing and fixing PVC (Findley) Type R plant		Per Running metre
complete including carriage of materials within all leads and lifts. 110 mm nominal size.	5.00 No	<u>i</u>

Providing and fixing PVC (Finolex) Type -B plain tee ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts - 110 mm nominal size.	3.00 No	Each
Providing and fixing PVC (Finolex) Type -B Collar ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- 110 mm nominal size.	15.00 No	Each
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-incharge, beyond 50m initial lead, for all leads including all lifts involved complete including carriage of materials within all leads and lifts.	3.24 Cum	Per cubic metre
		Total
The state of the state including all leads and lifts for internal and external works		

every good on the second of th

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

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

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

Estimated Cost 1376356.00 Earnest Money F7520.00

Time -

one Month

ame of work:- S/R to various residential buildings under division no III Shimla. (SH:-Repair of roofing in Block C Set no C-7 & C-8 at Old MLA Qtrs Near Boiluganj Crossing

						O MICA QU'S Near Boil	rogerij Crossiii
l. No.	Items of work	Quanti	ity		Rate	Unit.	Amount.
	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 complete including carriage of material within all leads and lifts.	1.06	Cum	In figuers	In words	Per Cubic meter	1
	Dismantling wooden boardings /Eaves board including stacking complete including carnage of materials within all leads and lifts as per direction of Engineer - in - charge:-width Upto 200 mm	10.85	Cum			Per Cubic meter	
	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet, including carriage of materials within all leads and lifts	171.36	Cum		1	Per cubic metre	
	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :Of sectional area 40 square entimetres and above, including carriage of materials within all leads and lifts.	0.29	Cum			Per cubic metre	
	Providing wood work in trusses, purlins, rafters, posts, post plates, wall plates and the like wrought framed, hoisted and fixed in position, complete including carriage of materials within all leads and lifts:-2nd class deodar wood.	0.43	Cum			Per cubic metre	
	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	313.52	Kg			Per Kilogramme	
	Providing and fixing Tata Durashine precoated 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 Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5 x 55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	183.20	Sqm			Per square metre.	

Providing and fixing precoated galvanised steel sheet roofing accessories 0.60 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-microns using self-drilling/ self-tapping screws complete i) Ridges plain (500 .	20.35 Rmtr	Per running metre
Providing and fixing prepainted galvanised steel sheet roofing accessories 0.60 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS 277, in 240 coat 15-18 microns using self-drilling/ self-tapping screws complete. Flashings/ Aprens (2000) Pub (2000)	18 20 Rmtr	Per running metre
Providing and fixing polycarbonatd transparent sheet 1.20mm thick in roofing with galvanised J or L hooks bolts and nuts with G I. Limpe and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	3 66 Sqm	Per square metre
Condition:-		
Rates should be quoted for all heights including all leads and lifts for internal and external works.		Total
Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance should confirm to bureau of indian standards.		

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

Earnest Money 12700.00 Estimated Cost 1134615.00

of work.- A'R and M/O various residential buildings under division no III Shimia. (SH:-Repalcement of CGI sheet roofing, ceiling and painting work etc in

	11-11	elaA	yiin	Gua	Alow to small
JunornA	Per square	shrow ni sreugii		14.19	Providing compared 6.5. sheet receiling incloding vertical I curred surface fixed with polymer coated J or L of the sola and that solar and deliment and the coats of approved steel primer and two coats of approved paint on overlapping of sheet including to coat of approved steel primer and two coats of approved paint on overlapping of sheet compacts compacts (up to any pitch in horizontali vertical or curred surfaces), accluding the coat of puritins, rafters and including the coat of puritins, rafters and including curred surfaces and including coatrages of materials within all leads and life.
	Bujuun Jed		าเมษ		Providing indiges of those of weith 60 cm overall width plain 6.5 sheet fixed with polymer coated J or L hooks, loads and hits 6.5 mm dis 61 limited and bifumen washers complete including carriage of materials within all leads and lifes 6.65 mm thick with sinc coating not less than 275 grain.
	estaupa sed estaupa sed		mp8		inalends within all leads and indext tokum to time thick in eaves board tacks soffics ceiling including cutting and white data brinds and applications of Engineers and applications of the brainses and applications of the inality and white all and the inality of the inality and the inality of the inality o
	Per cubic		cnm	51.76	Castocal of building industry in alba i aminiar unserviceable, dismantled or waste materials by mechanical means and public franciscus or each property indicated indicates and property of public franciscus indicates and public franciscus indicates and filtra involved.
	enaupa red entern		wbs	53 28	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 list 10 sqm over an under coat of primer applied @ 0.80 list 10 sqm of approved brand and manufacture neticing camage of materials within all leads and lifts.
	latoT				s aroun lectualiza brita lectualitis statis brita sibadi illa griticulorii artificiadi illa vit baticulo ad tituchis satishi illassi aroun no bassi ad di siamatem anti illa to avenne. Il

of minnoo blunds textern with m brabnets neithril seq as eldelieve are fixing alement with to be so yne tone. Arm no eco laufoe exched exherbs in egnado-nu-seerign 3 edt mod bezorgie tog ed ladiz kow no bezu ed of zienetem edt la to ekonaz a

. Е-ыты Выты-3. Shimle Division No. III, Executive Engineer,

or and entrance of block -B)

Time :- One month Earnest Money:- 8990.00 Estimated cost:- 450717.00

Rate

AR:- SIR to Public Service commission office building at Nigam , Shimla (SH:- Providing and laying granite stone flooring , Pine wood Panelling in Ground

JinU

.JnuomA

	sbroW nl	In Figures.		•	ž
Per cubic metre	g	7	Cum	£ 68	Demoishing stone rubble masonry manually! by mechanical means including stacking of serviceable 1.1 material and disposal of unserviceable material within all leadand lifts as per direction of Engineer-in-charge:
Per square metre.			mp2	99"	Dismantling old plaster or skirding raking out joints and cleaning the surface for plaster including disposal of 7 rubbish to the dumping ground within 50 metres lead
Per cubic metre			ung	+ 6.0	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) complete including camage of materials within all leads and lifts.
Per Cubic metre			шпЭ	69.0	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:4:8 or leaner mix (if equivalent design mix)
Per square.			mpS	01.28	Providing and fixing 12mm thick imported pine wood ceiling! panneling 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.
Per minng entem				02.7£1 ,2	Providing and fixing 40x12 mm size wooden moulded beading to door and window frames with iron screws plugs and priming coat on unexposed surface etc. in 2nd class teak wood complete including carriage in materials within all leads and lifts.
Per square metre.			mpS	dai enit	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone all complete as per the architectural drawings with white cement slurry admixed with pigment of matching shade includ nubbing, curing and polishing etc. all complete as specified and as directed by the Engineer Dharge comfete including carriage of materials within all leads and lifts. Polished Granite stone slab jet Blatcherry Red, Eitle Brown, Cat Eye or equivalent
Per square metre.		u	ubS	98.7 21 (t	8 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) inclum cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) include
Per square metre.		·w	p2	rc.0e absel	Welamine polishing on wood work (two or more cost) complete including carriage of material within all and lifts as per direction of Engineer-in-charge.

Oth.

-:lstoT		
Per Cubic metre	cnw	losal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by 2.00 than it including loading, transporting, unloading to approved municipal dumping ground for up to to all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in an ereas having directions for restricted hours for movement plying of load carrying motor vehicle of 3.5 an or more including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.

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

sbreamers naibni to usarud

EQOTTI-BIMINZ.OMG. 9H Executive Engineer Shimla Division NO.III.



Estimated Cost Rs. :- 132714.00 Earnest Money Rs. :- 2660.00

Name of work:- A/R & M/O to Various Residential Building Under Shimla Division No.III SH:- Providing and Fixing Welded Mesh fencing in Entrance , Verandaha and Prepainted sheet roofing over Verandaha in Set No. 25 of Dispebsary Block at Barenes Court SI

. No.		Quantity			Rate	Unit.	Amount.
	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming cost of approved steel priming cost of approved steel priming cost of approved steel priming cost			In figuers	In words		
	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.	807.42	Kg			Per Kilogramm e	
	Providing and fixing M.S welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including	20.00	-				
	HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	26.28	Sqm			Per Square Metre	
3	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc.	1.00	No.			lineare	
	complete including carriage of materials within all leads and lifts. (i) 250x16 mm.	1.00	NO.			Each	
4	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with	10.00	Nine				
	necessary screws etc. complete including carriage of materials within all leads and lifts.(i) 150x10mm	10.00	1408.			Each	
5	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary						
	screws etc. complete including carriage of materials within all leads and lifts.(i) 125mm	6.00	Nos.			Each	
6	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of	45.00	-				
	corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thicknes with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 micror epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet show have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charg. 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 require including carriage of materials within all leads and lifts.	ss ns Id on e.	6 Sqm			Per Square Metre	

	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete including carriage of materials within all leads and lifts.(i) Flashings/ Aprons.(Upto 600 mm)	8.10	Rmt	Per Running Metre	
1	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat of approved brand and manufacture including carriage of materials within all leads and lifts.	34.57	Sqm.	Per Square Metre	
	Conditions:-			Total	
1	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			Tour	
in	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. Recovery of usefull bricks 181 00, recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each.

> **Executive Engineer** Shimla Division No.III



Estimated Cost Rs. :-

219741.00

Earnest Money Rs. :-

4400.00

Time:one Month

Name of work:- A/R and M/O Vidhan sabha Council Chamber Shimla-4 (SH:- Providing Stone Cladding on right wall near entrance of

SI. No.	Items of work	Quantity		Rate		Unit.	Amount
	Dismantling old plants and the			In figuers	In words	⊣ " I	Amount
	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	52.68	Sqm	-		Per square metre	
	Providing and Fixing hard stone dressed in all sides and front face of size 6"x12" with an average thickness of 12mm thick on R.C.C surface side as on face Archmasonary walls etc on 12 mm thk cement plaster 1:3 (1cement:3 sand) and jointed with cement slurry i/c scaffolding complete)	67.51	Sqm			Per square metre	
	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.comlete including carriage of materials within all leads and lifts.Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent	1.60	Sqm			Per square metre	
	Rates should be quoted for all heights including all leads and lifts for internal and external works.					Total	
	Sample of all the materials to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian standards.						

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

Estimated cost:-Earnest Money:-Time :- 498744.00 10000.00

One Month

Name of work:-Special repair to Various Non residential buildings under Shimla Division No. III (SH:-Repair of flooring including painting, distempering sanitary fittings etc in state Library near

ore

hurch)	1	Qty.		Rate	Unit.	Amount
I. NO.	Description	Qiy.	In Figures.	In Words		
	Was institution carriage of	0.420 Cum			Per Cubic	
	Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of				metre.	
		0.07 Cum			Per Cubic metre.	
2	materials within an leads aim less decoin the deast climber of the providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position, complete including carriage of materials within all leads and lifts: 2nd class deodar wood.		<u> </u>		Per square	
3	Providing and fixing 12mm thick water proof shuttering ply of standard quality 15th mark and approved shade of colour in panelling/flooring/cup-board and wall linning including mitring at junctions, butt measured and paid for separately) complete including carriage of materials within all leads and lifts.	52.97 Sqm			meter	
4	Providing and fixing 1 50mm thick PVC/ Rubber tiles flooring plain, coloured corbed or mosaic or mattled finish of approved brand, colour/pattern laid with approved adhesive on sub floor damp proofing treatment (to be measured separately) for payment complete in all respects as directed by the Engineer-In-Charge including carriage of matterials in all leads and life.	123.95 Sqm.			metre Per square	
5	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	260.87 Sqm			meter	
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.	260.87 Sqm			Per square meter	
7	as per the direction of the "gineer-in-orage." Distempening with 1st quality acrylic distemper, 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 Two coats including carriage of materials and as per the direction of the Engineer-in-Charge.	260.87 Sqm			Per square meter	
8	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	300.16 Sqm			Per square meter	
9	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 4.0 mm thick glass panes including carriage of materials within all leads and lifts.	1.60 Sqm			Per square meter	
10	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters 30 mm thick including ISI marked Stainless Steel but hinges with necessary screws including carriage of materials within all leads and lifts.	7.90 Sqm			Per square meter	
11	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.			Each	
12	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:-150x10 mm including carriage of materials within all leads and lifts.	12.00 No.			Each	
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. 125 mm including carriage of materials within all leads and lifts.	10.00 No.			Each	
14	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete including carriage of materials within all leads and lifts.	4.00 No.			Each	
15	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including carriage of materials in all leads and lifts.	2.00 No.			Each	***************************************
16	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)Including carriage of materials within all leads and lifts	0.821 Cum			Per Cubic metre.	

/			
7	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within all leads For thickness of tiles 10 mm to 25 mm including carriage of materials within all leads and lifts.	18.95 Sqm	Per square meter
8	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform including carriage of materials within all leads and lifts.	1.80 Sqm.	Per square meter
9	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	22.32 Kg	Per Killogramme
0	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, helves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	0.135 Cum	Per Cubic meter
1	Half bnck masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level Cement mortar 1:4 (1 cement :4 coarse sand) including carriage of materials within all leads and lifts.	2.26 Sqm.	Per square meter
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :-1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts.	1.04 Cum	Per Cubic meter
23	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to 1S: 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.	5.31 Sqm	Per square meter
24	Providing and fixing 1st quality ceramic glazed wall tiles of size 450x300mm conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials within all leads and lifts.	17.65 Sqm	Per square meter
25	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) Area of slab upto 0.50 sqm including carnage of materials within all leads and lifts. Baroda green marble.	1.80 Sqm	Per square meter
26	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc complete) including carriage of materials within all leads and lifts	6.00 Sqm.	Per square
27	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete) including carriage of materials within all leads and lifts	2.70 Sqm.	metre. Per square metre.
28	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc complete. including carriage of materials in all leads and lifts.	2.70 Sqm.	Per square metre.
29	Providing and fixing 6mm thick commercial ply wood ceiling of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) complete including carriage of materials within all leads and lifts.	2.70 Sqm	Per square meter
30	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials within all leads and lifts.	9.60 Rmt.	Per running
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 20 mm nominal outer dia Pipes including carriage of materials in all leads and lifts.	12.00 Rmt	metre Per running metre
32	Providing and fixing brass full way valve with wheel including carriage of materials within all leads and lifts. 15mm nominal bore	2.00 No.	Each
33	Providing and fixing high pressure PVC (Finolex) spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts: 110 mm dia.	9.80 Rmt.	Per running metre.
34	Providing and fixing PVC Finolex type "A" door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts. 110mm nominal size.	2.00 No	Each

Provid	ing and fixing PVC Finolex type "A" plain bend ISI marked including fixing with approved adhesive etc.	4.00 No	Each
Provid	ete including carriage of materials within all leads and lifts. 110mm nominal size. ing and fixing 110mm nominal size PVC. Finolex collars ISI marked including fixing with approved adhesive	4.00 No.	Each
Provid	Implete including carriage of materials within all leads and lifts. Ing and fixing PVC Finolex type "A" floor trap ISI marked of self cleaning design including fixing with approved inve. cost of cutting and making good the wall and floors etc. complete including carriage of materials within all and lifts -110mm X 90mm.	4.00 No.	Each
Provid	ding and fixing 15mm dia bib cock (Superior or heavy type) ESS ESS INBC-101 including carriage of materials all leads and lifts.	2.00 No.	Each
Provi	ding and fixing CP brass pillar tap with capstan head including carriage of materials within all leads and lifts :- n dia.	1.00 No.	Each
and I		1.00 No.	Each
cam	iding and fixing Angle stop cock of approved quality15 mm nominal bore ESS ESS make INAC-101 including age of materials within all leads and lifts.	5.00 No.	Each
carri	riding and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore including age of materials in all leads and lifts.	5.00 No.	Each
mat	riding and fixing PVC Waste Pipe flexible coil type Make Viking or equivalent 32mm dia including carriage of erials within all leads and lifts.	4.00 No.	Each
can	widing and fixing C.P. brass waste for wash basin or sink ESS ESS make Catalogue No. C-230D including lage of materials within all leads and lifts -32 mm dia	4.00 No.	Each
Eur val wit sai	widing and fixing PTMT coloured / white high density polyethylene / poly propylene 10litres capacity (full flush) opean standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead ver syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections hinlet, outlet and over flow pipe. 40mm dia C.P. flush bend including cutting holes in walls and making good the me and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) sike CERA B1020102 including carriage of materials within all leads and lifts.	1.00 No.	Each
th m	oviding and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm ick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete, including carriage of aterials within all leads and lifts.	2.00 No.	Each
in	roviding and fixing viterous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white icluding cutting holes and making good the same but excluding fitting including carriage of materials within all leads nd lifts. Wash basin NEO Catalouge No. 10098	2 00 No.	Each
	roviding and fixing viterous China pedestal for wash basin including carriage of materials within all leads and lifts. Speal Neo Catalouge No. 11032.	2.00 No.	Each
1	Providing and fixing vitreous China wash down, water closet (European 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 over to be measured and paid for separately): -Anglo Indian Universal closet make hindware one piece element HSIL Catalouge No. 92565 including carnage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing vitreous China wash down, water closet (European 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 over to be measured and paid for separately)Anglo Indian Universal closet including carriage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x460 mm bowl depth 200 mm including carriage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing Health Faucet of make ESS ESS Catalogue No. C-232Y including carriage of materials within all leads and lifts.	2.00 No.	Each
	Providing and fixing 100mm sand CP grating of superior quality for floor or nahani trap including carriage of materials within all leads and lifts. Make viking Catalouge No. 40906A	4.00 No	Each
200	Providing and fixing Acrylic glass shelves of ESS ESS make Catalouge No. AC-307 including carriage of materials within all leads and lifts.	2.00 No	Each
	Providing and fixing CP soap dish of make Vicking Catalouge No. 38060 including carriage of materials within all leads and lifts.	3 00 No	Each
57	Providing and fixing Liquid soap dispenser of make Vicking Catalouge No. 1125 including carriage of materials within all leads and lifts.	2 00 No	Each
3/	Providing and fixing towel rail of make ESS ESS Catalouge No. AC-101 including carriage of materials within all leads and lifts.	2 00 No	Each

A M ---

rn I

8	Providing and fixing towel ring of make ESS ESS Catalouge No. AC-102 including carriage of materials within all leads and lifts.	2.00 No	Each
59	Providing & square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design 100x100 mm size P type With common burnt day F.P.S. (non modular) bricks of class designation 7.5 including carmage of materials within all leads and lifts.	1.00 No.	Each
	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete White solid plastic seat with lid including carriage of materials within all leads and lifts.	1.00 No.	Each
1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts.	5.40 Sqm	Per square meter
2	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.	6 00 No.	Each
3	Providing and fixing 35mm thick panelled glazed or panelled and glazed shutters for doors windows and derestory windows including black enamelled iron but hinges with necessary screws including carriage of materials within all leads and lifts as per direction of Engineer-in-charge in 2nd class decidar wood.	5.49 Sqm	Per square meter
	CONDITION:-		Total:-

e. Part. emusion dissemper etc. should be of 1st class quality and it should also be got approved from Eighneer- in-charge before use.

Shimla Division NQ:111, HP.PWD.Shimla-171003

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

Estimated Cost Rs. :- 213188.00

Earnest Money Rs. :- 4270.00

Name of work:- A/R & M/O to Various Residential Building Under Shimla Division No.III SH:- Providing and Fixing MS. Steel work for covering the awter Tanks with welded mesh in Type-II & Type-IV of block A&B at Barnes Court Shimla)

il. No.	Items of work	Quantity	Barr	nes Court Sh	nimla)		
1				Rate		Unit.	Amount.
	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in			In figuers	ers In words	- J	Amount.
	position and applying a priming coat of approved steel primer using structural steel etc. as complete including carriage of materials within all leads and lifts.	1267.62	Kg			Per Kilogramm	
2	Providing and fixing M.S welded mesh 25mmx25mmx3mm thick as per approved design	100.18	Sam				
	iffs. Specification 1990 Volume-1 including carriage of materials up to all leads and		Sqiii			Per square	
3	Providing and fixing ISI medical and					meter	
	I loads and litts.(I) 125x65x2.12 mm	8.00	No			Each	
•	Providing and fixing ISI marked and the					Lacii	
	3 redds and mts.(i) 250x16 mm.	4.00	No.			Each	
5	Painting Steel work with Deluve Malting					Each	
	applied @ 0.90 ltr/ 10 including carriage of materials within all leads and lifts.	110.00	Sqm.			-	
	Conditions:-					Per Square	
ı	Rates should be quoted for all heights including all leads and lifts for internal and external works					Metre	
ii .	Useful materials will be handed over to the Assistant Engineer, Sub Division No V. HPPWD, Raj Bhawan Shimla-2 otherwise credit for Sample of all Materials will be charged.					Total	

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

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

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 of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.

Recovery of usefull bricks 161.00 recovered from site will be charged / deducted from contractor @ Rs. 4.00 Each