### HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

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

12636-56

Dated:-

27-07-2022

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

Subject: -

Tender Notice.

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

Encl: - As above

Executive Engineer, Shimla Division No-III, HP.PWD.Shimla-3 HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
\*NOTICE INVITING TENDER\*

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla Division No. III, HP.PWD. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before 06-08-2022 up to 10.30 A.M. and will be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized representatives. The tender form can be had from his office against cash payment (non-refundable) on any working day up to 4.00 P.M. on 05-08-2022 and the application for issue of tender form shall be received up to 4.00 P.M. on 05-08-2022.

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

as perform No. 6&8. The offer shall remain open for 30 days.

Sr. No		Estimated Cost	Earnest money	Time	Form No	Cos of for
1	S/R to various residential buildings under division No.III Shimla (SH;-Renovation of toilet, repair of cupboards, PVC flooring and painting and distempering etc. in set No. 302 occupied by Tapinder Kumar at old Metropole building).	Rs.4,09,159/-	Rs.8180/-	One Month	6&8	350/-
2	S/R to various residential buildings under division No.III Shimla (SH:-Repair of bathroom, brick work, floor tile and miscellaneous repair work in Benmore-8).	Rs.3,81,762/-	Rs.7640/-	One Month		350/-
3	A/R & M/O to residential building under Shimla Division No.III (SH:-Providing and laying vetrified tiles in front of Room, Ceramic tiles in kitchen and bath of set No. 633, 634 & 649 of block No. 28 Sector-3 at New Shimla).	Rs.1,42,793/-	Rs.2860/-	One Month		350/-
4	A/R & M/O to various residential building under Shimla Division No.III (SH:- Polishing with P.O.P. painting and plastic emulsion inner side of	Rs.2,49,235/-	Rs.4990/-	One Month	6&8	350/-
5	third and fourth floor of Guest House at Raj Bhawan Chotta Shimla).  S/R to various residential building under division No.III Shimla (SH:-Repair of flooring, window shutters, cupboard, PVC flooring & distempering and other miscellaneous repair work in Block No.33 set No.	Rs.2,68,125/-	Rs.5360/-	One Month	6&8	350/-
6	9-10 and 14-16 at U.S. Club Shimla).  A/R & M/O to residential building under Shimla Division No.III (SH:-Painting and Apex outer side wall & painting on CGI sheet roofing of	Rs.1,77,241/-	Rs.3550/-	One Month	6&8	350/-
7	Block-B Type-III Qtrs at Barnes Court Shimla).  Special repair of Nallah from Dental College at IGMC Shimla (SH:-Providing and laying CC work 1:5:10 and stone masonry work at RD	Rs.4,99,487/-	Rs.9990/-	One Month	6&8	350/-
8	0/00 to 0/90 etc. (Phase-1) at IGMC Shimla).  Restoration of Rain Damages on Road from Cart Road to Mahamaya Cottage Km. 0/00 to 1/270 & Indus Hospital to Sanjauli Km. 0/00 to 0/595 pine view to Jakhoo (SH:- Providing and laying hot applied Thermo Plastic line along the Road between RD. 0/00 to 1/270 & 0/00 to	Rs.1,57,950/-	Rs.3160/-	One Month	6&8	350/-
)	0/595).	Rs.2,64,230/-	Rs.5300/-	One Month	(0.300)	350/-
0	of Emergency gate of new building etc.) at DDU hospital Shimla).  A/R & M/O of road from Cart road to Annadale Km. 0/00 to 4/160 (SH: - Providing and fixing conformatory/ Mandatory and Direction sign board	Rs.98,606/-	Rs.1972/-	One Month	6&8	350/-
1	etc.).  Special repair to Cancer Hospital Building at IGMC Shimla (SH:-Construction of 8.00 meter length plum concrete retaining wall back side	Rs.1,69,381/-	Rs.3390/-	One Month	6&8	350/-
2	of Chemotherapy ward of Cancer Hospital).	Rs.1,23,600/-	Rs.2460/-	One Month	55000	350/-
3	(SH:- Miscellaneous / minor repair in Benmore-5 at Benmore Section).  Syntage dressing of site & construction of brick pedestal for laying of	Rs.1,30,199/-	Rs.2650/-	One Month	m-cenue	350/-
4	foundation stone for various work (under Smart City).  A/R & M/O various residential buildings under Shimla Division No.III  (SH:- Providing & fixing cupboards, lining and painting in block No. F-	Rs.95,757/-	Rs.1950/-	One Month		350/-
5	III/46, B-III/12 & C-III/17 etc.) at Naona Estate Shimla).  A/R & M/O to Old Dental Nursing Hostel 1 <sup>st</sup> floor at IGMC Shimla (SH:-Providing and fixing accessories in bath and toilets kitchen pipe in external side PGI sheet Gully Trap PVC pipe 100mm Dia outside of	Rs. 1, 19,949/-	Rs.2400/-	One Mo nth		350/-
	Toilet) (Balance work)	Rs.61,149/-	Rs.1220/-	One Month		350/-
	A/R and M/O Various restaurance of outer boundary wall at Oak-over).  (SH:- Painting and distempering of outer boundary wall at Oak-over).  A/R & M/O Vidhan Sabha Councial Chamber Shimla-4 (SH:- Renovation and steel railing)	Rs.3,96,771/-	Rs. 7940/-	One Month		350/-
1	of platform with granite stone and steel railing)  Special repair to various Non residential buildings under Shimla  Division No.III (SH:-Construction of store behind Royal Hotel near PWD)	Rs.3,99,035/-	Rs.8000/-	One Month	6&8	350./-
Si	tore for storage Deodar wood) at Nabha Estate Shimla).  A/R & M/O various Non-residential buildings under Shimla Division  A/R & M/O various Non-residential buildings under Shimla Division  A/R & M/O various Non-residential buildings under Shimla Division  A/R & M/O various Non-residential buildings under Shimla Division  A/R & M/O various Non-residential buildings under Shimla	Rs.1,36,108/-		One Month	6&8	350/-

1	1/P & M/O to versions 12 in 11 in in					1
1	A/R & M/O to various residential buildings under division No.III Shimla (SH:-Painting and distempering outside of block-39B Type-1 set No. 1&2 at Richmound Shimla).	Rs.76,311/-	Rs.1530/-	One Month	6&8	350/-
21	Restoration of rain damages on Road from Navbahar to Holly Lodge Km. 0/00 to 2/670 (SH:-C/O Breast wall at RD. 0/422 to 0/430).	Rs.3,42,502/-	Rs.6860/-	One Month	6&8	350/-
22	A/R & M/O various residential building under Shimla Division No.III(SH:- Providing and laying floor and wall tiles, cup board, wire gauge shutters, painting & distempering, water supply and sanitary installation etc. in Set No.3 and Set No.4 Ground floor of Victoria Place at Nigam Vihar Shimla-2).	Rs.2,68,963/-	Rs.5380/-	One Month	6&8	350/-
23	Furnishing of Oak-over official residence of Hon'ble Chief Minister H.P. Shimla-2 (SH:-Providing and fixing curtain and re-stuffing of sofa set in Ground floor and 1st floor at Oak-over etc.).	Rs.52,590/-	Rs.1050/-	One Month	6&8	350/-
24	A/R & M/O various out houses at Oak Over under division No.III Shimla (SH:- Providing and fixing roiling shutters, M.S. B.P. sheet, steel work and polycarbonate sheet in out houses and Yates Cottage at Benmore Section).	Rs.4,83,922/-	Rs.9680/-	One Month	6&8	350/-
25	Special repair to Himachal Hospital of Mental health & Habitation Boileauganj Shimla (SH:- Providing and fixing collapsible steel Gate, Sensor glass Gate etc. in newly constructed Porch).	Rs.2,97,972/-	Rs.5960/-	One Month	6&8	350/-
26	A/R & M/O to various residential building at IGMC Shimla (SH:-Supplying of various items for maintenance of day to day for Block-"A", Block"B", Block"C", Block"D" and Block-"E" at IGMC Shimla (under section-II & III IGMC).	Rs.4,12,616/-	Rs.8260/-	One Month	6&8	350/-
27	Special repair to Nursing Hostel at IGMC Shimla (Old Dental) (SH:-Providing roof over toilet block to avoid the leakage).	Rs.2,66,239/-	Rs.5330/-	One Month	6&8	350/-
28	S/R to various residential buildings under division No.III Shimla (SH:-Repair of roofing in Block C set No. C-5 & C-6 at Old MLA Qtrs near Boileauganj Crossing Shimla).	Rs.3,83,839/-	Rs.7680/-	One Month	6&8	350/-
29	Special repair to HP Public service Commission office building at Nigam Vihar Shimla (SH:-Providing and fixing prepainted sheet roofing over entrance path towards canteen, tiles, M.S. grills, pine wood ceiling in computer room top floor of Block "C" above Canteen).	Rs.4,66,168/-	Rs.9350/-	One Month	6&8	350/-
30	Restoration of rain damages on Road from Navbahar to Holly Lodge Km. 0/00 to 2/670 (SH;- Sweeping and cleaning of drain, Road & clearing of road side Grass between RD. 0/00 to 2/670).	Rs.2,19,054/-	Rs.4390/-	One Month	6&8	350/-
31	A/R and M/O various residential buildings under division No.III Shimla (SH:- Repair of roofing in block C at Old MLA Qtrs near Boileauganj crossing Shimla).	Rs.2,22,974/-	Rs.4460/-	One Month	6&8	350/-
32	A/R and M/O various residential buildings under division No.III Shimla (SH:- Balance work for repair of roof and other miscellaneous repair work in Yates Cottage).	Rs.1,46,104/-	Rs.2920/-	One Month	6&8	350/-

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

### public interest.

### Terms & Conditions:-

The contractor/firm shall have his GST No. and attested copy of the same be attached with the application for issue of

2 The contractor/firm should attach attested copy of registration/renewal.

Copy of PAN card be attached with the application form

Shimla Division No-III, HP.PWD.Shimla-9 Dated:-

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

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

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
- 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.

The Municipal Commissioner M.C. Shimla.

- All the Assistant Engineers working under this Division.
- The president contractor/association Shimla.

Notice board

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



Earnest Money 8180.00 Estimated Cost 409159.00

Time:- one month.

flooring and painting and distempering etc in set no 302 occupied by Tapinder Kumar at old Metropole building) Name of work:- S/R to various residential buildings under division no III Shimla. (SH:- Renovation of toilet, repair of cupboards, PVC

Z S	SI. Items of work	Quantity		Rate	Ilnit	Amount
_			In figuers	In words		
		1.17 CUM			Per Cubic	
2		23.20 Sqm.			metre Per square	
N	Cement: 6 sand) including carriage of materials in all leads and lifts.	23.20 Sqm.			Per square metre.	
C.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge - All work up to plinth level:- 1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	0.92 Cum			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	0.35 Cum.			Per cubic metre.	
	Centering and shuttering including strutting, propping etc .Lintels, beams, plinth beams, girders, bressumers and cantilevers complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	1.86 Sqm			Per square metre	
TT (0	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.	40.00 kg			per kilogramme	
	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 1:1.5:3 (1cement : 1.5coarse 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	0.20 Cum			Per cubic metre	
ω . <u>α</u> . τ	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)	12.42 Sqm.			Per Square metre	
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54	Each	No.	16.00 No.	(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.	
	Each		4.00 No.		2
	Each	No.	28.00 No.		19
	Per square metre.	Sqm.	15.60 Sqm.		6 =
	Per Running Metre.	Rmt	55.03 Rmt		17
	Per square metre.	Sqm.	10.13 S		16
	Per square metre.	Sqm.	27.66 S	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  Providing and fixing 19mm thick Commercial Board of the screen state of the screen st	15
	Per square metre.	Sqm	7.31 S		
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	Per Cubic metre	Cum	0.100 Cum	wood.  Wood.  wood.	
	Per cubic metre.	Cum.	0.055 Cum.	wrought, framed and fixed in position 2nd class deodar wood including carriage of Providing wood work in frames of false celling position.	2 3 5

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13			-		20 W E O E	25	7 = 0			Pro	than nec
colc	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. Two coats on new wood work, including carriage of materials within all leads and lifts.	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.	(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.	6 fine sand) including carriage of materials within all leads and lifts.  Applying priming costs with primers of the same of single or half brick wall of mix 1:6 (1 cement:	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.	including grouting the joints with white cement and matching pigments etc., complete.  Providing and laying vitrified tiles of 500mm x 500mm circ. (Att.)	specified by the manufacturer) with water absorption less than 0.08% and conforming to 1S:15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) in inting with areas and a colour sand shades.	(Frame work for base to be measured & paid for separately)  Providing and laving vitrified floor tiles of Frame V 500	materials within all leads and lifts:- Double strip (horizontal type).  Providing and fixing 9mm ply of standard quality ISI mark and approved shade and colour in page 11.	Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary common quality in cupboard / ward robe	than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials within all leads and lifts:-  (i) 125mm size.
rainting with synthetic enamel prolour to give an even shade. On materials within all leads and lifts	Painting with synthetic enamel property colour to give an even shade materials within all leads and lifts.	oved oved	tile (han	sal sal	anu prov of ce (g/ s	ding	fied 622 ar 1:	ding #	ing als v	s, ir	de /
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rainting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. One or more coats on old wood work, including carriage of materials within all leads and lifts.	paint of approved brand and manufacture of required Two coats on new wood work. including carriage of	m, of e the s and	8 8	men	thic	e .	to being t	ete	ge o	8	liffs:
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Internating per lit., of approved many made) having VOC content less as per manufactured systems of required shade and colour complete. Removing dry or oil bound distemper water proofing cement paint and the like by to scratches etc. complete including arriage of materials in all leads and lifts.  Providing 8. fixing glass panes with putty and glazing clips in steel doors, windows, all complete with 4.0 mm thick glass panes complete houlding necessary repairs. Providing at high glass panes with putty and glazing clips in steel doors, windows, all complete with 4.0 mm thick glass panes complete including high glass panes with putty and glazing clips in steel doors, windows, all complete with 4.0 mm thick glass panes complete including high ground or as approved by the part of the providing the leads including leading, transporting, unloading to approved within all leads including all lifts involved complete as per direction of Engineer-in-final providing and fixing gload the walls etc. Internal work. all complete is per direction of Engineer-in-final providing and fixing provider box 2012 complete as the direction of Engineer-in-final providing and fixing providing and fixing providing the trap with soil pipe in centent mortar 1: 1 (1 centent: 1 sand) (seath providing and fixing providing and fixing providing and fixing providing and fixing plastic seat (Soild / Hollow type) and cover for wash down water leads and lifts.  Providing and fixing plastic seat (Soild / Hollow type) and cover for wash down water leads and lifts. Soild Type:-White plastic seat made cover for wash down water leads of the sease waste of standard pattern, including carriage of materials within all leads and lifts.  Enviding and fixing slowed the walls wherever including carriage of materials within all leads and lifts.  Enviding and fixing slowed the walls wherever require white Vitreous China leads within all leads and lifts.  Envidence and fixing slowed the season of		6	జ్ఞ	8	37	36	35	34	Mary .	33	32	3
87.14 Sqm.  9 43.57 Sqm.  1.00 No.  1.00 No.  1.00 No.  Ea E	brackets fixed to wooden plugs with C. P. screws including carriage of materials within all leads and lifts:-ESS ESS catlogue No. AC-301.	quality) complete with 6 mm thick hard board ground fixed to wooden cleats with and lifts in:  Providing and fixing 640 mm Y 20 medians of superior glass (of approved complete including carriage of materials within all leads providing and fixing 640 mm.)	Providing and fixing 600x450 mm beveled edge mirror of control of the control of	taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require White Vitreous China Wash basin size 630x450 mm with a C.P. brass pillar taps  Providing and fixing 100mm C.P. grating for the control of the cont	leads and lifts:-Solid Type:-White plastic seat and cover.  Providing and fixing single hole wash basin with CT brockets are as a second result water.	and cover to be measured and paid for separately) including carriage of materials within Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down to be set with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be closef with C B. Beautiful Solid / Hollow type) and cover for wash down to be covered to be co			materials by mechanical means, including loading, transporting, unloading to approved by Estimated dumping ground or as approved by Estimated and unloading to approve approved by Estimated and unloading to approve and unloading to app	carriage of materials within all leads and lifts.  Disposal of building rubbish (2000)	Providing & fixing glass panes with putty and glazing clina in all leads and lifts.	
		1.00 No.	1.00 No	1.00 No.	1.00 No.	1.00 No.	3		2.33 Cur			
ng c are are	Each	Each	Each	Each	Each	Each						

		1	1		48	47	46	45	4	43	45	
53	52											gua ma
adhesive etc. complete including carriage of materials within all leads and lifts:-(i) 110mm dia.  Providing and fixing PVC (Finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts:- (i) 110mm nominal size.	Providing and fixing high pressure PVC (Finolex) type-A spigot and socket, waste and ventilating pipes including collar and clamps ISI marked including fixing with approved	Providing and fixing PVC (Finolex) floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials within all leads and lifts:-(i)110mm X 75mm size.	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.	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):- (i) 15 mm nominal bore.	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 as per direction of Engineer-in-charge:-15mm nominal bore.	Providing and fixing 300/450mm length uplasticised PVC connection pipe with brass unions 15 mm nominal bore complete including carriage of materials within all leads and lifts.	Providing and fixing ESS-ESS Wall mixture including carriage of materials within all leads and lifts. including carriage of materials within all leads and liftsCat No.PR-121.	Providing and fixing central hole wash basin mixture / sink mixture including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-ESS ESS Trend series Cat No.PR-118	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.	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	Providing and fixing C.P. Soap dish complete fixed to wooden plugs with C.P. screws including carriage of materials within all leads and lifts:- ESS ESS AC-703.	Providing and fixing 460mm x 130mm 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:- ESS ESS catlogue No. AC-307.
2.00	24.38	1.00	1000.00 litre	6.00	2.00	6.00	1.00 No	1.00 No	7.00 No.	2.00 No	2.00 No.	1.00 No.
.00 No	.35 Rmt	1.00 No	litre	6.00 No.	.00 No.	00 No	8	No	N <sub>O</sub>	N <sub>O</sub>	N <sub>o</sub> .	N <sub>O</sub>
metre. Each	Per	Each	Per litre	Each	Each	Each	Each	Each	Each	Each	Each	Each

rawal plugs etc. complete including carriage of materials within all leads and lifts: (i)  110mm size.  Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage of materials within all leads and lifts.  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.  Providing and fixing PVC corner shelve 3-in-1 complete including carriage of materials within all leads and lifts.  Providing and fixing 1.50mm thick PVC/ rubber tiles flooring of L.G. make or equivalent plain, coloured. corbed or mosaic or mattled finish, laid with approved adhesive on sub floor damp proofing treetment(to be measured separately) for payment complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.  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.	adhesive etc. complete including carriage of materials within all leads and lifts:- (i)  110mm nominal size.  56 Providing and fixing PVC clamps ISI marked of approved design with steel screws and	Providing and fixing PVC Finolex collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts (i) 110mm nominal size.  Providing and fixing PVC Finolex plain bend ISI marked including fixing with approved
1.00 No. 1.00 No. 56.23 Sqm	lifts:- (i)	approved approved
	6.00 No.	4.00 No.
Each Each Per square metre	Each	Each Each

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

Estimated cost:- 381762.00
Earnest Money:- 7640.00
Time :- One Month.

miscellenous repair work in Benmore -8) Name of work:- S/R to Various residential buildings under division No III Shimla. (SH:- Repair of bathroom, brick work, floor tile and

				-							
NO.	_	-	N	ω	4	On	0	7	00	ø	6
Sub-Head/Item of work.	2	Dismantling tile work in floors and roofs laid in cement mortar including stacking 64.08 material within 50 metres leadcomplete including carriage of materials within all leads and lifts. For thickness of tiles 10 mm to 25 mm	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class 25.13 designation 7.5 in foundations and plinth in : Cement mortar 1:4 (1 cement : 4 coarse sand)	15 mm cement plaster on the rough side of single or half brick wall of mix: 1:4 (1 50.26 cement: 4 fine sand) including carriage of materials in all leads and lifts.	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and 18.00 refilling etc. External work:-15mm dia nominal bore. Iternal work!	Providing and fixing uplasticised PVC connection pipe 60Cm with brass unions 23.00 including carriage of materials within all leads and lifts.	Providing and fixing white vitreous china pedestal type water closet (European type tw.C. pan) with seat and lid, 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 cutting and making good the walls and floors wherever required. W.C. pan with ISI marked white solid plastic seat and lid.	Providing and fixing single hole Vitreous China Wash basin size 550x400 mm . C.I. 4.00 brackets, 15 mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require.	Providing and fixing white vitreous china pedestal for wash basin completely recessed 4.00 at the back for the reception of pipes and fittings.	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with 1.00 C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :510x1040 mm bowl depth 250mm.	Providing & fixing 32mm dia, PVC waste pipe for wash basin or sink including carriage 6.00 of materials within all leads and lifts.
		34.08	25.13	50.26	18.00	23.00	5.00	4.00	4.00	1.00	6.00
Q¥.	ω	Sqm	Sqm	Sqm	Rmtr	S	N	N <sub>O</sub>	No	N <sub>o</sub>	No
In Figures.	4										
In Words	σı										
Onit.	တ	Per square metre	Per square metre	Per square metre	Per running metre	Each	Each	Each	Each	Each	Each
Amount				B							

metre			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 600mm x 600mm.	23
Per square	Sqm		Providing and laying Vitrified tiles in different sizes (thickness to be specified by 21.60 manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved matching in the conforming to I.S. 15622, of	
Per square metre	Sqm		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 600mmx300mm	21
Per square metre	Sqm	17.16	rroviding 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, 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.	20
Each	No	3.00	within all leads and lifts	19
Each	No.	2.00	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with 2.00 S.S. triangular plate to Eureopean type W.C. of quality including carriage of materials within all leads and lifts	18
Each	No.	4.00	Providing and fixing C.P. Brass soap dish with brackets fixed to wooden cleats with 4.00 C.P. Brass screws etc. complete including carriage of materials within all leads and lifts.	17
Each	No.	5.00	wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	16
Each	No.	4.00	Providing and fixing C.P. Towel rail complete with C.P. Brass brackets fixed to wooden 4.00 plugs with C.P. screws :-750mm x 20mmm size.	16
Each	No.	21.00	Providing and Fixing C.P. brass angle cock of approved quality conforming to IS:8931 21.00 : 15 mm nominal bore. including carriage of materials within all leads and lifts.	4
Each	No	6.00	mm nominal bore. including carriage of materials within all leads and lifts.	ω
Each	No.	4.00	Providing & fixing C.P toilet paper holder 15 mm dia complete including carriage of 4.00 materials within all leads and lifts	-
Each	No.	5.00	quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including carriage of materials within all leads and lifts.	

27	26	On		-	
position with necessary stainless steel screws etc.complete. including carriage of materials within all leads and lifts.:- Rae wood/chill wood	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). ncluding carriage of materials within all leads and lifts	spout or its equivalent of approved quality including carriage of materials within all leads and lifts.	Providing and fixing single hole wash basin mixer with with top / bottom swinging 5 no	Providing and fixing 15mm hand shower/health faucet with ) including carriage of 4 no	including connection fitting complete in all respect of make complete including carriage of materials within all leads and lifts:-cat No P120
.23	.62	Ö	8	00	1.00
Cum	Cum	Ş	z ,	=	No

### CONDITION

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

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

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



Estimated Cost Rs. :- 142793.00

Earnest Money Rs. :- 2860.00

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ω	2	⊒: ₹ □		ě.	me o		
15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)including carriage of materials within all leads and lifts	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.	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.		Items of work	Name of work: -A/R &M/O to Residential building Under Shimla Division No.III(SH:- Providing and Laying Vetrified tiles in front of Room , Ceramic Tiles in Kitchen and Bath of set No. 633,634 & 649 of Block No-28 Sector-3 at New Shimla)		
11.40 Sqm	11.40 Sqm	0.85 Cum		Quantity	n No.III(S ock No-28		
Sqm	sqm	m	_		Sec H:-		
51	٠		In figuers		Providing tor-3 at N		
			In words	Rate	g and Laying \ lew Shimla)		1000
Per Square Metre	Per Square Metre	Per Cubic Metre		Unit.	Vetrified tile	Time:-	
				Amount.	s in front of	Time:- One Month.	

5

Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:3:6 (1 cement : 3 coarse sand) : 6

0.43 Cum

6.95|Sqm

meter

Per square

Per Cubic Metre

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, Iaid 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

graded stone aggregate 20 mm nominal size)

6

pigment etc., complete.

Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the

77.63 Sqm

meter

Per square

pigments etc., complete.(i) Size of Tile 600x600 mmx8mm

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

Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with

11.40 Sqm

meter

Per square

water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand),

jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching

pigments etc. complete.(i) Size of Tile 600x600 mmx8mm

				8
Rates should be guoted for all beings including	conditions:-	Condition	Shimia or otherwise including payment of prescribed charges of dumping to the owener of dumping site of M.C. through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of diisposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	Disposal of surplus excavated earth by Mechanical with in all leads on approved disposal of the control of the
			1.08 Cum	4000
. 0.	Tot		Metre	
2	<u> </u>			

tates 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.

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



Estimated Cost Rs. :- 249235.00

Earnest Money Rs. :- 4990.00
Time:- One Month.

## Name of work: -A/R &M/O Plastic Emulsion inner side of Third and Fourth Floor of Guest House at Raj Bhawm Chotta Shimla) ಕ Various residential Building under Shimla Diovision No.III (SH:-Polishing with P.O., Painting and

oN IS	lo.	Items of work	Quantity	_		Rate	Unit.	Amount.
				_	In figuers	In words		
-	Removir	Removing dry or oil bound distemper, water proofong cement paint and the like by	472.59 Sqm	3			Per	
	scrappin	scrapping, sand papering and preparing the surface smooth including necessary					Square	
	repairs t	repairs to scratches etc. complete including carriage of materials within all leads and					Metre	
	lifts.							
2	Providin	Providing and applying white cement based putty of average thickness 1 mm, of	472.59 Sqm	ğ			Per	
	approve	approved brand and manufacturer, over the plastered wall surface to prepare the				80	Square	
	surface	surface even and smooth complete including carriage of materials and as per the					Metre	
Г	directio	direction of the Engineer-in-Charge.						
ω	Wall pa	Wall painting with plastic emulsion paint of approved brand and manufacture to give	945.17 Sc	Sqm			Per	
-	an ever	an even shade:(i)One or more coats on old work including carriage of materials and					square	
	as per	as per the direction of the Engineer-in-Charge.					meter	
4	Paintin	Painting with synthetic enamel paint on previously painted wood or steel surface of	37.04	Sqm			Per	
_	approv	approved brand and manufacture of required colour to give an even shade one or					Square	
	more o	more coats on old work including carriage of materials in all leads and lifts.					Metre	
5	200	Polishing With. P.U. Finish on wood surface of approved brand and manufacture of required	636.89 S	Sqm			Per	
	shade	shade one or more coats on old work including carriage of materials in all leads and lifts.					Square	
							Metre	
_	Cond	Conditions:-					Total	
۱-	Pates sh	Potos should be aurited for all heights including all leads and life for internal and external works						

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

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.

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1V Recovery of usefull bricks 181.00. recovered from site wiil be charged / deducted from contractor @ Rs. 4.00 Each

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



Estimated Cost Rs. :- 268125.00

Earnest Money Rs. :- 5360.00

Name of work:- S/R to various Residential Building under division No III Shimla. (SH:-Repair of flooring , window shutters, cupboard, PVC fooring & distempering and other miscellenous repair work in Block No.33 set No. 9-10 and 14-16 at U.S club shimla)

Demolishing R.C.C. work manually/ by mechanical means including of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.  Dismantling doors, windows and clerestory windows (steel or wood) stacking within 50 metres lead including carriage of materials within all leads and lifts. Of area 3 sq. metres and below  Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access materials within all leads and lifts as per direction of Engineer - in - charge.  (ii) Edges of slab  Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, alconies, shelves, chalges, 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  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge-Mild steel hars.  1.90 Sqm  1.90 Sqm  1.23 Sqm.  2.61 Rmtr  2.61 Rmtr  7.50 Kg  1.50 Kg  1.50 Kg  1.50 Kg	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.  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  Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform and Shelves (Cast in situ) complete including carriage of charge.  Edges of slab  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).  Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge:-Mild steel and Medium Tensile steel bars.  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)					-	ω					
al means including material within 50  ws (steel or wood) etc. complete and materials within all getc. and removal conies and access cluding carriage of of Engineer - in - of Engineer - in - ended floors, roofs es, chajjas, lintels, cases above plinth entering, shuttering, l.5 coarse sand): 3  ng straightening, all complete upto al in all leads and Charge:-Mild steel odular) bricks of class tar 1:4 (1 cement: 4	ws (steel or wood) etc. complete and materials within all getc. and removal conies and access cluding carriage of of Engineer - in - 2.61 Rmtr ended floors, roofs es, chajjas, lintels, cases above plinth entering, shuttering, shuttering, all complete upto al in all leads and Charge:-Mild steel of odular) bricks of class tar 1:4 (1 cement : 4	6	O	4				N		-		
Quantity  0.13 Cum  37.00 No  1.23 Sqm.  2.61 Rmtr  0.13 Cum  15.60 Kg	3 4 3	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)	cutting, bending, placing in position and binding all complete upto cutting, bending, placing in position and binding all complete upto plinth level complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge:-Mild steel and Medium Tensile steel bars.	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).	Reinforced cement concrete work in beams suspended floor confe	charge.  Edges of slab	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform and Shelves (Cast in situ) complete including carriage of	stacking within 50 metres lead :including carriage of materials within all leads and lifts. Of area 3 sq. metres and below	Dismantling doors, windows and clerestory windows (steel or wood)	ai means e materia	Demolishing R.C.C. work manually by mechanical	NIOM IO CITIZE
	In figuers	1.90 Sqm	15.60 Kg	0.13 Cum	2.61 Rmtr		1.23 Sqm.	30	37 00 No	0.13 Cum		Quantity
In words		Per square metre	Per /Kg	Per square metre.	Per running metre.		Per square metre.	Each		Per cubic metre		Cinit
3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7	Per cubic metre  Per cubic metre  Per square metre.  Per running metre.  Per square metre.  Per square metre											Amount

Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inclding carriage of materials within all leads and lifts.	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.	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.	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 Second class teak wood. 35 mm thick shutters. including carriage of materials within all leads and lifts.	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	Providing edge moulding to 18mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge	mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately).Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble.
Providing and fixing ply wood lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) 6mm thick ply inclding carriage of materials within all leads and lifts.	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.	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.	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 Second class teak wood. 35 mm thick shutters, including carriage of materials within all leads and lifts.	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	Providing edge moulding to 18mm thick marble stone counters, Vanities to, including machine polishing to edge to give high gloss finish etc. omplete as per design approved by Engineer-in-Charge	m for wall lining (veneer work), backing filled with a grout of average 2 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including 5 jinting with white cement mortar 1:2 (1 white cement : 2 marble dust) ith an admixture of pigment to match the marble shade (To be secured the backing by means of cramps, which shall be paid for aparately).Raj Nagar Plain white marble/ Udaipur green marble/ Zebra lack marble.
	44.0	7.6	6.1	4.0	2.6	1.9
6.1 Sqm.	44.64 Sqm	7.66 Sqm.	6.17 Sqm.	4.03 Sqm.	2.61 Rmt.	1.9 Sqm.
Per metre	Per metre.	Per metre.	Per metre.	Per metre.	Per metre.	metre metre
Square	square	square	square	square	running	square
	Per metre	Per metre. Per metre	Per metre. Per metre. Per metre.	Per metre. Per metre. Per metre. Per metre. Per metre.	Per metre.  Per metre.  Per metre.  Per metre.  Per metre.  Per metre.	Per metre.

22 (anodi or dye	,	Providii (anodic or dye comple	Providin and sc lifts and	Providing section complete lifts.	1.5 mm t plain, col adhesive separatel and lifts.	Providing (sunmica) etc. includ	surface on fillets to b complete in	boards incl
Browiding and String String bonding ISI marked anadised (anadis	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	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 250x10 mm	Providing and fixing CP curtain rod 20mm dia with brackets, end firnels and screws etc. complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	Providing and fixing square edged cover fillets (beading) $19 \times 6$ mm section including mitring at junction with wooden screws / nails etc complete of hard wood including carriage of material in all leads and lifts.	1.5 mm thick pvc/rubber tiles flooring of approved make colour design 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.	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.	providing and fixing veneered decorative plywood lining with decorative surface on one face with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) 4mm thick ply-3ply complete including carriage of materials within all leads and lifts.	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.
	74	_	20.5	24.98 Rmtr	59.08 Sqm.	5.13	5.13 Sqm	5.13 Sqm.
	74 No	No O	20.5 Rmt.	Rmtr	Sqm.	5.13 Sqm.	Sqm	Sqm.
Each	Each	Each	Per metre	Per	Per metre.	Per metre.	Per metre	Per metre.
			running	Per runningmetre.	square	square	square	square

			N '	27	26		
3	30	29	28			E 3 6 3 5 5 7	358
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	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.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (one or more coats) over and including water thinnable priming coat with cement primer.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade one or more coats on old work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade Two or more coats on new work complete including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	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.	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 on 20mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc. complete including carriage of materials within all leads and lifts.	ward robe shutters, including fixing with necessary screws etc. complete including carriage of materials within all leads and lifts:- Double strip (horizontal type).
_	_	100.82 Sqm	138.73 Sqm	68.8	68.8 Sqm	4.03 Sqm	10 No
1 No.	1 No.	Sqm	Sqm	68.8 Sqm	Sqm	Sqm	No
Each	Each	Per	Per metre.	Per metre.	Per metre.	Per metre	Each
		square	square	square	square	Square	

	Providing C.P. Grating with frame 100mm of approved brand including 2 No carriage of materials within all lead and lefts	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	9Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per INo. 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 610mm x 460mm bowl depth 200mm.
	Each	Each	Each

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. :- 177241.00 Earnest Money Rs. :- 3550.00

Time:- One Month.

CGI. Sheet Roofing of Block-B Type-III Qtrs at Barnes Court Shimla) Name of work: -A/R &M/O to Residential building Under Shimla Division No.III(SH:- Painting and Apex outer side wall & Painting on

				3	Init	Amount
OI. NO.	Items of Work	Quantity	la filmon	In words		
			In figuers	In words		
_	Removing dry or oil bound distemper, water proofong cement paint and the like by	367.11 Sqm	m		Per	
	scrapping, sand papering and preparing the surface smooth including necessary				Square	
	repairs to scratches etc. complete including carriage of materials within all leads and				Metre	
	lifts.				,	
2	Providing and applying white cement based putty of average thickness 1 mm, of	367.11 Sqm	3		Ter	
	approved brand and manufacturer, over the plastered wall surface to prepare the				Square	
	surface even and smooth complete including carriage of materials and as per the				Metre	
	direction of the Engineer-in-Charge.				2	
ω	Finishing walls and GS. Sheets with Acrylic Smooth exterior paint of required	1176.39 Sqm	3		Per	
	shade(Apex ultima) Old work One or more coat including carriage of materials and				square	
0)	as per the direction of the Engineer-in-Charge.				Dar I	
4	Painting with synthetic enamel paint on previously painted wood surface of	555.98 Sqm	3		200	
0)	approved brand and manufacture of required colour to give an even shade one or				Motro	
_	more coats on old work including carriage of materials in all leads and litts.				Dor	
5	Providing temporary platform by way of scaffolding for all kind of works in halls/ rooms having	312.15 Sqm			Square	
	exceptional heights with bamboo complete tied with rope on joints and platform of old CGI				Metre	
S	sheets etc. in all respect including carriage of materials within all leads and lifts as per				No.	
O.	direction of the Engineer - in - charge.				1	
0	Conditions:-				lotal	

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

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.

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



Estimated Cost Rs. :- 499487.00 Earnest Money Rs. :- 9990.00

Stone masonary work at Rd. 0/00 to 0/90 etc. (Phase-1) at IGMC. Shimla) Name of work: - Special Repair of Nallah from Dental college at IGMC. Shimla (SH:- Providing and Laying CC Work .1:5:10 and

	_					N			1	7	•
-				ω		2				ō.	31.
Rates should be quoted for all heights including all leads and lifts for informal and external works	Conditions:	Continue	Material With in all Leads and lifts(i) Cement mortar 1:6 (1 cement : 6 coarse sand)	Random rubble masonry with hard stone in foundation and plinth Including Carriage of	10 graded stone aggregate 40 mm nominal size)	Providing and laying in position cement concrete of specified grade excluding the cost of	or in any incubit 1.5 m, as directed by Engineer-in- Charge:(i) all Kind of soil	width as well as 10 sqm on plan including getting out and disposal of excavated earth upto	Earth work in surface excavation not exceeding 30 cm in death but exceeding 4.5	•	Items of work
			so.b cum.	200	30.90 Cum	20.00		/3.42 Cum		Quantity	
									In figuers		
									In words	Rate	
lotal	-		Per Cubic Metre		Per Cubic Metre		None of	Per Cubic		Unit.	
										Amount.	

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.

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

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

V

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



Estimated Cost Rs. :- 157950.00

Earnest Money Rs. :- 3160.00

Time:- 15 Days

Name of work: - Restoration of Rain Damages on Road From Cart Road to Mahamaya Cottage Km. 0/00 to 1/270 & Indus hospital to Sanjauli Km. 0/00 to 0/595 Pine view to Jakhoo(SH:- Providing and Laying hot applied Thermo Plastic line along the Road Between Rd. 0/00 to 1/270 & 0/00 to 0/595)

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

Estimate Earnest Time:-

Estimated cost:-Earnest Money:-

264230.00 5300.00 One Month

ame of work:-Special repair to DDUZ hospital Shimla. (SH:-Widening of road Outside of Emergency gate of new building etc.) at DDU hospital Shimla.

	8 Providing and it blocks vibro cor grey or coloured sand) laid over a rubbing & polish of materials with	with neat cemen complete (Sub base of complete all leads and lifts.	7 Providing and la NTC make or e	6 Steel work weld priming coat of cases, including	5 Providing weepl 10 mm dia PVC complete as per	4 Disposal of mo transport includ lifts, complete a for restricted ho materials within	3 Earth work in e drains (not exce 1.5 m, including including carrial charge.	2 Demolishing R.C.C unserviceable mate in all leads and lifts.	1 Demolishing st disposal of uns including carria	, i	SI NO.
	Providing and laying NTC make or equivelent heavy duty precast pre-polished cement conrete inter locking paver blocks vibro compacted of NTC make or equivalent of approved shade and design including border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (1 cement: 4 sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocksincluding curing rubbing & polishing complete (Sub base concrete floor to be paid for seperately) 40mm thick block including carriage of materials within all leads and lifts. (L.R.)	with neat cement slurry mixed with pigment to match the shade of blocksincluding curing rubbing & polishing complete (Sub base concrete floor to be paid for seperately) 40mm thick block including carriage of materials within all leads and lifts.	leads and illis.  Providing and laying heavy duty precast pre-polished cement conrete inter locking paver blocks vibro compacted of NTC make or equivalent of approved shade and design including border or kurb block grey or coloured over sub-	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 stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete including carriage of materials within all lands and life.	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 10 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more. including carriage of materials within all leads and lifts.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads including carriage of materials all lead and lifts as per direction of Engineer-in-charg as directed by Engineer-in-charge.	Demolishing R.C.C. work manually by mechanical means including stacking of steel bars and disposal of unserviceable material within all leads & lifts as per direction of Engineer - in- charge including carriage of materials in all leads and lifts.	Demolishing stone rubble masonry 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 including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	Description	
	7.00 sqm		25.00 Sqm	332.28 Kg	30.00 Rmt.	95.01 Cum	85.78 Cum	9.23 Cum	62.04 Cum		Qty.
										In Figures.	
				٠			***************************************			In Words	Rate
letoT	meter		Per square meter	Killogramme	meter	meter	metre	meter	Per Cubic meter		Onit
											Allouit

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

Executive Engineer Shimla Division NO.TIL HP.PWD.Shimla-173003

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. :- 98606.00

Earnest Money Rs. :- 1972.00

Time:- One Month.

Name of work:- A/R and M/O of road from cart road to Annadale Km 0/00 to 4/160 (SH:- Providing and Fixing Conformatory/ Mandatory and Direction sign board

ľ		No.	S
Speed limit 600x600mm size	sheet, face to be fully covered with high intensity encapsulated type heat activated retro reflective sheeting conforming to type - IV of ASTM-D 4956-01 in blue and silver white or other colour combination including subject matter, message (bi-lingual), symbols and borders etc. as per IRC; 67:2001, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class -2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back support frame of M.S. angle iron of size 25x25x3 mm to a vertical post made up to M.S. Tee section ISMT 50x50x6 mm welded with base plate of size 100x100x5 mm at the bottom end and including making holes in pipes, angles flats, providing & fixing M.S. message plate of required size, steel work to be painted with two or more coats of synthetic enamel paint of required shade and of approved brand & manufacture over priming coat of zinc chromate yellow primer (vertical MS-Tee support to be painted in black and white colours). Backside of aluminium sheet to be painted with two or more coats of epoxy paint over and including appropriate priming coat including all leads and lifts etc. complete as per specification and direction of Engineer-in charge.(i) Mandatory/ Regulatory sign boards of 900 mm diametre with support length of 3750 mm	0.	I. Items of work
6.00 No	13.00 No		Quantity
	·	In figuers In words	
		In words	Rate
Each	Each		Unit.
8			Amount.

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, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.

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.

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Estimated Cost Rs. :- 169381.00

Earnest Money Rs. :- 3390.00

Retaining Wall Back side of Chemotheraphy Ward of Cancer Hospital) Name of work: - Special Repair to Canser Hospital Building at IGMC. Shimla (SH:- Construction of 8.00 Metre length Plum Concete

	SI.	Items of moder wall of cancer Hospital)						
	No.		Quantity			Rate	Unit.	Amount.
	_	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over	67 60		In figuers	in words		
		getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i) All kinds of soil	67.06 Cum	Cum			Per Cubic Metre	
	2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in	4 05 Cum					
		dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.(i) All kinds of soil					Per Cubic Metre	
	ω	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	22.39 Cum	Cum.			Per Cubic Metre	
	4	Providing and laying in position cement concrete of specified grade excluding the cost of	5.81 Cum	m			Per Cubic	
		graded stone aggregate 20 mm nominal size)					Metre	
	Ch	Stone Soling properly hand packed <i>ilc</i> Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in foundation & plinth, flooring recharge pit, in the required thickness, including carriage of materials within all leads and lifts&	5.81 Cum	Ĭ			Per Cubic Metre	
	0)	as per direction of Engineer-in-charge.						
1								

	T	_	
	2	7	o
Rates should be purified for all heights includes all leads at the state of the sta	wall with 100mm (one hundred )milimetredia PVC pipe extending through the full with of the structures with slop of 1(v):20 (H) towards drawing face complete as per drawings and technical specifications MORD clause 614,,709,1204.3.7 including hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge	Providing and laying weapholes in brick masonry /stone masonry /st	site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owener of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of diisposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.
	24.80		38.14
	80 Rmt		.14 Cum
1	Rur Me		Per Ci Metre
Total	Per Running Metre		Per Cubic Metre

vares 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 57.00, recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each.

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



Estimated Cost Rs. :- 123600.00 Earnest Money Rs. :- 2470.00

<u>s</u> Name of work:- A/R and M/O various Residential Building under division No III Shimla. (SH:- Miscellenous /minor repair in Benmore-3 at Benmore Section)

36.00 No	uers in words	Unit. Each
		Each
20		
Ž		Each
20		
200		Each
	1.00 No	O No

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

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

the market should confirm to bureau of indian standards.

Estimated cost:-Earnest Money:-

2650.00 130199.00

# SI. NO. name of work:-Surface dressing of site & construction of brick Pedestal for laying of foundation stone of Stabilization of Ridge from Calety Theatre to Pedem Dev Complex. (Under Smart City fat vuriny with

	Description	Qty.		Rate
_	Demoliching compart concerts account.		In Figures.	In Words
_	Demolishing cement concrete manually/ by mechanical means including disposal of material within all leads & lifts 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.	0.26 Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) including carriage of materials within all leads and lifts as per direction of the Engineer- in- charge In Foundation and plinth	0.56 Cum		***************************************
ω	Brick work with common burnt clay machine made (modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in :-Cement mortar 1:4 (1 cement : 4 coarse sand) including carriage of materials within all leads and lifts.	4.58 Cum		
4	20 mm cement plaster of mix: 1:4 (1 cement: 4 coarse sand) including carriage of materials within all leads and lifts.	1.52 Sqm.		
5	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67	21.41 Sam		
6	Itr/10 sqm over and including priming coat of exterior primer including carriage of materials within all leads and lifts.	21.41 Sqm		
o	Surrace dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to all leads All kinds of soil including carriage of materials within all leads and lifts.	1600.00 Sqm		***************************************
7	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared including carriage of materials within all leads and lifts.	1600.00 Sqm		
8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within all leads All kinds of soil including carriage of materials within all leads and lifts.	60.52 Cum		
9	Removal of slips in all kinds of soil (including saturated soil but excluding boulders and rocky portion requiring	60.52 Cum		
	blasting upto all leads disposing of un-serviceable materials, stacking serviceable materials and neatly dressing the surface.	0		
	CONDITION:-			***************************************

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

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Eigineer-in-charge before use.
iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.

Executive Engineer
Shimla Division NQ.III.
HP.PWD.Shimla-17-1003

Earnest Money:-Time :-Estimated cost:-

1950.00 One Month 95757.00

Estate Shimla. Name of work:-A/R & M/O Various residential buildings under Shimla Division No. III (SH:-Providing & fixing Cupboards, lining and painting in block No. F-III/46, B-III/12 & C-III/17 etc) at Nabha

SI. No.	Items of work	Quantity		Rate	Unit
	Compact Control of Con		In figuers	in words	
_	Providing and fixing 6mm thick ply wood lining with butt jointing and nails (frame work and cove fillets to be measured	7.72 Sqm			Per square
	and paid for separately) including carriage of materials within all leads and lifts.				meter
2	Providing and fixing 19mm thick Commercial Board shutters for cup boards I/c fixing with nickel plated plano hinges	7.20 Sqm.			Per square
	with screws etc complete) including carriage of materials within all leads and lifts				metre.
ω	Providing and fixing 19mm thick commercial board in shelves/box for cup board with butt joints & fixing with nails &	19.56 Sqm.			Per square
	screws etc complete) including carriage of materials within all leads and lifts				metre.
4	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with	48.92 Sqm.			Per square
	approved adhesive and nails etc complete including carriage of materials in all leads and lifts.				metre.
5	Providing and fixing hard wood square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with	24.15 Rmt.			Per running
	wood screws and nails complete including carriage of materials within all leads and lifts.			***************************************	more.
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary	16.00 No.			Each.
7	Draviding and analysis general based pathy of average thickness 1 mm of approved brand and manufacturer	50 13 Sam			Per square
	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.				meter
8	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm	50.13 Sqm			Per square
	of approved brand and manufacture including carriage of materials within all leads and lifts.				meter
9	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.	16.00 No.			Each
	CONDITION:				Total:-

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

Executive Engineer Shimla Division NO.III) HP.PWD.Shimla-173003

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

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

Estimated Cost Rs. :- 119949.00 Earnest Money Rs. :- 2400.00 Time:- One Month.

Z	me	of work AID MIC A.				Time: On Ma	Time:	2400.00
7	ilets	Toilets Kitic Pine in external cid Dental Nursing Hostel Ist Floor at IGMC. Shimla (SH:-	Shimla	(SE)	- 1	Providing and Fixing accessories in both and	Cassorios	Sories in both and
2		SI. Items of work	m Dia out	tside	0	ut side of Toilet)(Balance Work)		on badi alla
No.	Ļ	Willia of Wolk	Quantity			Rate	Unit.	Amount.
		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability			In figuers	In words		
		fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings, including one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.(i) 20 mm nominal outer dia Pipes	53.30	Rmt			Per Running Metre	
<u> </u>		Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work of approved brand and manufacture	37.83 S	Sqm			per	
ω	_	Providing ridges or hips 60cm over all in plain with galvanized iron G.I. sheet fixed with the	2				meter	
		materials upto all leads and lifts and as per the direction of Engineer-in-Charge.(a) 0.63mm (sixty three milimetre )thick sheet.	4.00.7	XIII			Per Running Metre	
	4.	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :(i) Flat back wash basin of size 630x450 mm	2.00	No			Each	
	5	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	2.00 N	No.	à!		Each	
	o	Providing and fixing C.P. grating of approved quality and colour.Circular type (i) 100 mm nominal dia	8.00	No.			Each	
	7	Providing and fixing looking mirror of size 600mmx450mm 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	
	0 00	] <u>Σ</u> . ⊗ [	4.00	Nos.			Each	
	3 6		3.00	No.			Each	
	1 7		7.00.1	No.			Each	
	=		6.00	No.			Each	
	12		9.00	No.			Each	
	-	IS:8931 complete including carriage of materials within all leads and lifts.	16.00	No.			Each	

						18		1 =	à 6	4 4
-[		2	20	19		8				
Rates should be quoted for all heights including all leads and lifts for internal and external works.	Conditions:-	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design : :(i) With common burnt clay F.P.S.(non modular) bricks of class designation 7.5 including carriage of materials within all leads and lifts	Providing and fixing 110 mm dia PVC Finolex Collar type-B ISI marked including fixing with approved adhesive etc. complete.including carriage of materials within all leads and lifts.(I) 110mm Nominal Dia	Providing and fixing 110 mm dia PVC Finolex Plain Bend type-B ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts.(I) 110mm Nominal Dia	pipes of working pressure not less than 4.5 Kg/Sqm including Collar and filling the Joints with approved Adhesive complete including Carriage of Material with in all leads and lifts (i)	Providing and fixing on wall face DVC Eincles To Do Co.	materials within all leads and lifts	mm .including carriage of materials within all leads and lifts	fittings including carriage of materials within all leads and lifts.	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.
		4.00	10.00	2.00	30.50		2.00	3.00	25.00 No.	25.00 No
		No.	Nos.	Nos.	Rmt		Nos.	3.00 Nos.	No.	S <sub>N</sub>
_		Each	Each	Each	Per Running Metre		Each	Each	Each	Each
Total	-				ning 'e		5	5	3	3

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 57.00. recovered from site will be charged / deducted from contractor @ Rs. 5.00 Each

7

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



Estimated cost:-61149.00

Earnest Money:-1220.00

ame of work:- - A/R and M/O various residential buildings under division no III Shimla (SH:-Painting and Distempering of outer boundry wall at Oak -Over) Sub-Head/Item of work.

	N M L ar	₽ <u> </u>	<b>50</b> ω			-	NO.
	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.	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.  Providing and fixing water proof shuttering ply of standard and including and providing and fixing water proof shuttering ply of standard and including places.	1.00mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials within all leads and lifts.  Wall painting one coat with premium acrylic emulsion paint of interior coat.	by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.  Providing and applying white cement based putty of average thicken.	Removing dry or oil bound distemper water proofing cement paint and the like	2	
	6.48 Sqm	584.37 Sqm	233.74 Sqm	233.74 Sqm.	32274 6		
					4	In Figures.	
					5	In Words	Rate
Total	Per square metre.	Per square metre	Per square metre	Per square metre.	6		Unit
						Ziiio diir.	Am

### CONDITION

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

confirm to bureau of indian standards. 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 Sample of all the material to be used on work shall be got approved from the

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



Estimated Cost Rs. :-396771.00

7940.00

Earnest Money Rs. :-

railing) Name of work:- A/R and M/O Vidhan sabha Council Chamber Shimla-4 (SH:- Renovation of platform with granite stone and steel Time:- one months.

No.		dres soil	2 Den com in - o	3 Prov cent grad all le	4 Prov cent grad and	5 Fillin la wat	6 Bric 7.5 dee	m <sub>s</sub>
Items of work	h work in execution by mark it.	foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, including carriage of materials within all leads and lifts.:- All kinds of soil.	Demolishing cement concrete manually/ by mechanical means including disposal of material complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:- Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix).	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :- (i) 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40mm nominal size) including carriage of materials within all leads and lifts.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Brick work with common burnt clay selected F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand) Above plinth level upto floor all level complete as per directions and approval of Engineer-in-charge including carriage of materials within all leads and lifts	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a complete formula to the cost of nosing of stens at a cos
Quantity		7.84 Cum.	0.78 Cum	2.37 Cum	1.17 Cum.	14.49 Cum	2.22 Cum.	15.79 Sqm
771	In figuers Ir							
te	In words	ס ב	7 7	ס ד	3 70	3 7	3.7	3 70
Unit. A		Per cubic metre.	Per cubic metre	Per cubic metre.	Per cubic metre.	Per cubic metre	Per cubic metre.	Per square metre
Amount.								

			14	. છ	2		0		
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	Rates should be quoted for all heights including all leads and lifts for internal and external works.		Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture ncluding carriage of materials within all leads and lifts.	Providing and Fixing C.I Gumbaj10 cm height & 30cm dai of size comlete 16 cm of size complete, including carriage of materials within all leads and lifts.	Providing and Fixing C.I fin Bhalla comlete 16 cm of size complete, including carriage of materials within all leads and lifts.	Providing and Fixing C.I ornamental balusters comlete 45-50 cm of size complete. including carriage of materials within all leads and lifts.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including carriage of materials within all leads and lifts:- Hot finished welded type tubes.	providing edge moulding to 18mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge	Providing and daying in clistical oriente 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
			51.04 Sqm	15.00 No	170.00 No	140.00 No	508.26 Kg.	31.90 Rmt.	32.86 Sqm
		Total	Per square metre	Each	Each	Each	Per kilogramme metre.	Per running metre.	Per square metre

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

Estimated cost:-Earnest Money:-Time :-

399035.00 8000.00 One Month

Name of work:-Special repair to Various Non residential buildings under Shimla Division No. III (SH:-Construction of store behind Royal Hotel near PWD store for storage Deodar wood) at Nabha Estate Shimla.

	Total:-				CONDITION:	***************************************
	Per Killogramme			3667.60 Kgs.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and 3667.60 Kgs. applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including carriage of materials within all leads and lifts.	_
		In words	In figuers			
Amount	Unit.	Rate		Quantity	Items of work	SI. No.

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

Executive Engineer Shimla Division NO.11) HP.PWD.Shimla-171003

Estimated cost:-Earnest Money:-

136108.00

2750.00 One Month

Name of work:- A/R & M/O Various Non residential buildings under Shimla Division No. III (SH:-Outer side painting & distempering in block No. 16 near Shree Gurudwara Sahib Ji) at Nabha Estate Shimla.

SI. NO.	Description		Qty.	Qty. In Figures.	
_	Distempering with 1st quality acrylic distember (Ready mix) having VOC content less than 50 grams/ litre of approved brand and manufacture to give an even shade Ol⇒ work (one or more coats) including carriage of materials in all leads and lifts.	S 8	503.42 Sqm ds	503.42 Sqm	503.42 Sqm
2	Removing dry or oil bound distemper, water profing 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.	s d	d 251.71 Sqm s	251.71 Sqm	251.71 Sqm
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.		251.71 Sqm	251.71 Sqm	251.71 Sqm
4	Painting on wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ttrl 10 sgm of approved brand and manufactur including carriage of materials within all leads and lifts.		802.79 Sqm.	3	3
5	Painting steel work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.		48.46 Sqm		
6	Finishing walls with Acrylic Smooth exterior emulision of required shade Old work (One or more coat applied @ 0.90 ltr/10 sqm) including carriage of materials within all leads and lifts.		394.76 Sqm		394.76 Sqm
7	Painting on G.S. sheet with paint of approved brand and manufacture of required colour to give an even shade old work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.		347.91 Sqm		
	CONDITION:-				

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

Executive Engineer Shimla Division No.III. HP.PWD.Shimla-141903

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Eigineer in-charge before use.
 iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.



Estimated Cost Rs. :- 76311.00 Earnest Money Rs. :- 1530.00

Time:- One Month.

Name of work:- A/R & M/O to various residential buildings under division no III Shimla. (SH:-Painting and distempering outside of block-39 B Type-1 set no 1&2 at Richmound Shimla.)

-	7	6	O #		w	2	-	SI. No.	
CONDITION	Repair to plaster of thickness 10mm to 15 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. With cement mortar 1:4 (1 cement: 4 fine sand)	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials within all leads and lifts.	Finishing walls with Acrylic Smooth exterior emulsion of required shade complete including carriage of materials within all leads and lifts:- Old work (One or more coat)	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade in ceiling and slopy roof: Old work (one or more coats) over and including water thinnable priming coat with cement primer	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.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	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.	No.	
	132.00 Sqm.	57.51 Sqm	198.00 Sqm	248.59 Sqm.	178.64 Sqm.	79.20 Sqm.	99.44 Sqm.		Quantity
								In figuers In words	Rate
	o o o o o o o o o o o o o o o o o o o	Per square metre	Per square metre	rei squaie illene.	Per square metre.	rei squaie mene.	Per square metre.		Unit.
									Allouic

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



Estimated Cost Rs. :- 342502.00 Earnest Money Rs. :- 6860.00

10.	Total				Rates should be quoted for all heights including all leads and lifts for internal and external works.	
bic	Per Cubic Metre		Cum	47.56 Cum	Disposal of moorum/ building rubbish/ malba. Similar unserviceable, dismantled or waste material by mechanical transport including loading, Transporting, unloading to approved Monicipal dumping ground for lead upto 10km. Foe lalleafts, complete as per dierection of Engineer- in Charge.Note:-Item to be applicable in urban area having directions for restricted hours movement/ plying of load carring motor vehicle of 3.5 cum. or More.	7
- B	Per Running Metre		Rmt	20.00 Rmt	Providing and laying weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall return wall with 100mm (one hundred )milimetredia PVC pipe extending through the full with of the structures with slop of 1(v);20 (H) towards drawing face complete as per drawings and technical specifications MORD clause 614,,709,1204.3.7 including hauling of materials in all leads and lifts as per the same satisfaction and direction of Engineer-In-Charge.	σ
ubic	Per Cubic Metre		Cum	49.52 Cum	shuttering - All work up to plinth level :(i) 1:3:6 (1 cement :3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	
Ø	Per square meter		Sqm	39.52 Sqm	Centering and shuttering including strutting, propping etc. and removal of form work for :(i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	4 1
ubic	Per Cubic Metre		.76 Cum.	1.76	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: (a) 1:5:10 (1 cement: 5 coarse sand): 10 graded stone aggregate 40 mm nominal size)	ω
ubic	Per Cubic Metre		Cum	8.80 Cum	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock including carriage of materials within all leads and lifts.	
ùbic	Per Cubic Metre		cum.	38.76 cum.	trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. (i) All kinds of soil	
Unit.	n words	Rate In figuers   I		Quantity		
430)	Breast wall at RD. 0/422 to 0/430)		2/670	Km. 0/00 to 2/670(SH:-C/O	d from Navbanar to Holly Lodge	SI. No.
ime:- One Month.	Tir	(			f work: -Restoration of Rain Damages on Bood from North-Land III III	Name

=: 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.

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

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Estimated Cost Rs. :- 268963.00

Earnest Money Rs. :- 5380.00

Ground Floor of Victoria Place at Nigam Vihar Shimla-2) Tiles , Cup Board , wire Gauge shutters, Painting & Distempering , Water supply and Sanitary Instalation etc. in Set No.3 and Set No.4 Name of work: -A/R & M/O to Various Residential Building Under Shimla Division No.III SH:- Providing andLaying Floor and Wall Time:- One Month.

SI. No.		1 Demolishing o within 50 met richer mix (i/c	Dismantli including	3 Providing and centering and graded stone	4 Providing and machine cut 1 of required si mortar 1:4 (1 pigment, epo) high gloss fini	5 Providing ed machine poli Engineer-in-C	6 Providing woon necessary station second cla	7 Providing and of aperture 1. clerestory wire hinges bright		8 Providing and nickel plated
Items of work		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.	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.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	Providing and fixing 18mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels(i) Granite stone	Providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as perdesign approved by Engineer-in-Charge:- Granite work.	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc including carriage of materials within all leads and lifts in second class deodar wood.	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :with ISI marked M.S. pressed butt hinges bright finished of required size(I)Second class Deodar wood(a)35 mm thick shutters	Providing and fixing 19mm thick Commercial Board shutters for cup boards i/c fixing with nickel plated piano hinges with screws etc complete)	
Quantity		1.17	29.09	1.17	2.36			3.04	11.85	20 42
		7 Cum	Sqm	Cum	Sqm.	5.60 Rmt.	0.036 Cum	3.04 Sqm.	11.85 Sqm.	Sam
	In figuers									
Rate	In words									
Unit.		Per Cubic Metre	Per Square Metre	Per Cubic Metre	Per Square Metre	Per Running metre	Per Cubic Metre	Per Square Metre	Per Square Metre	Per
Amount.										

							<b>.</b>				
21	20	19	å	:	17	5	5 7	13	12		
15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand)including carriage of materials within all leads and lifts	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete (i) 500x500 mm	Providing and laying vitrified double Charged floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.(i) Size of Tile 600x600 mm	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.	grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 125mm	than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :(i) 150x10mm	less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete (i) 250x16mm	Carriage of materials within all leads and lifts (i) 100 mm  Providing and fixing aluminium cliding departs in 100 mm	Providing and fixing magnatic catcher with screws etc. complete including carriage of materials within all leads and lifts.	Providing and fixing hard wood plain square edged cover fillets (beading) 19mmx6mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts.	Providing and fixing 1.00 mm thick coloured or plain laminated sheet (sunmica) on boards / ply wood sheets with approved adhesive and nails complete including carriage of material in all leads and lifts.	cover fillets to be mearured and paid for separately.
25.44	25.44	16.92	3.19	4.00		2.00	27.00	24.00	110.30	25.66	11.85
25.44 Sqm	Sqm	Sqm	Sqm	8	S.	S <sub>N</sub>	No	N <sub>O</sub>	Rmt.	Sqm.	Sqm.
Per Square Metre	Per Square Metre	Per Square Metre	Per square meter	Each	Each	Each	Each	Each	Per Running Metre	Per Square Metre	Per Square
are	are	are	are er	3	ä	5	ä	<del>5</del>	ning	re re	lare

Removing dry or cell bound distemper, water proofcing cement paint and the like by careful searching and specific and repering and presently the surface smoch including necessary repairs to Providing and applying white rement based pully of average thickness I mm, of approved and manufacture, ower in particular to give an event shade. Two or more coats on the particular of providing and applying with primer of approved brand and manufacture, with politics in all leads and lists.  Pening word two dwith Dealbas Mall Surface Paint of required shade. Two or more coats on the primer of expression and lists as particular to previously painted wood instructions in all leads and lists.  Pening word two dwith Dealbas Mall Surface Paint of required shade. Two or more coats on the primer of expression and lists are painted or including carriage of materials which in all leads and lists as the paint of required colour to give an even shade one or more coats on do discriment the painted of the painted wood in the painted wood or steel surface of approved work for the captioned before the painted wood in the painted wood or steel surface of approved work for the captioned before the painted wood in the painted wood or steel surface of approved work for the captioned before the painted wood in the painted wood or steel surface of approved work for the caption of the painted wood in the painted wood or steel surface of approved work for the painted wood or steel surface of approved work for the painted wood or steel surface of approved work for the painted wood or steel surface of a providing and floring and the wash basin with C.1 brackets, 15 mm C.P. brass pillar rap, and the painted with the painter of the painted wood in the painted with the			1918		2 3	29	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2	26	25	24	-	
52.67 Sqm  103.78 Sqm  7.20 Sqm.  58.31 Sqm.  131.68 Sqm  131.68 Sqm  1.00 No.  1.00 No.  1.00 No.  1.00 No.  1.00 No.	35	34	33	_ =		"	Ĭ						
67 Sqm		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia .including carriage of materials within all leads and lifts.	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :610x510 mm bowl depth 200mm.	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.	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 including carriage of materials within all leads and lifts.	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.including carriage of materials within all leads and lifts.	Providing and fixing single hole wash basin with C.I. brackets, 15 mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:(i) White Vitreous China Wash basin size 630x450 mm with		Painting with synthetic enamel paint on previously painted wood or steel surface of approved brand and manufacture of required colour to give an even shade one or more coats on old work including carriage of materials in all leads and lifts.	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat of approved brand and manufacture including carriage of material within all leads and lifts as per direction of Engineer-in-charge.	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content.(I) With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	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.	Removing dry or oil bound distemper, water proofong cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials within all leads and lifts.
	3.00	2.00	1.00	1.00	1.00	1.00	1.00	131.68	59.99	58.31	7.20	103.78	52.67
Per Square Metre Per Square Metre Per Square Metre Per Square Metre Per square meter. Each Each Each Each	No.	NO NO	No No	No.	No.	N <sub>o</sub>	No.	Sqm	Sqm	Sqm.	Sqm.	Sqm	Sqm
	Each	Each	Each	Each	Each	Each	Each	Per square meter.					Per Square Metre

	48	47	46	45	44	43	42	4	40	39	38			
Providing and fixing CP. Brass 20Cm DiaTowel Ring with fittings including carriage of	Providing and fixing CP. Brass toilet Paper Holder with fittings including carriage of materials within all leads and lifts.	Providing and fixing C.P. wall flange/ Cap 15mm ( titteen millimeter) nominal bore with fittings including carriage of materials within all leads and lifts.	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials within all leads and lifts. (i) 15 mm Nominal bore	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. including carriage of materials within all leads and lifts complete. (i) 15mm dia	Providing and fixing uplasticised PVC connection pipe with brass unions :45 cm length (i) 15 mm Nominal Bore	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.(a) Internal work - Exposed on wall (i)15 mm dia nominal bore	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work:-15mm dia nominal bore complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	Providing and fixing charomium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts.	Providing and fixing Hanging Pags for Cloth back side of door 4 Nos pegs in One set including carriage of Materilas with in all leads and lifts.	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. (i) 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms	Providing and fixing Acrylic corner shelf (One Set 3 Pice) including carriage of Materilas with in all leads and lifts.	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials within all leads and lifts.	
1.00 No.	1.00 No		700 00	3.00 No	3.00 No	3.00 No	4.35	30.50 Rmt	1.00	1.00	1.00	1.0	1.0	
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na ch	nacci	Figh	Each	Each		Each	Per Running Metre	Per Running Metre	Each	Per set	Each	Per set	Each	

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I leads and the quoted for all neights including all leads and lifts for internal and external works	Rates should be authorities.	Conditions:-	Disposal of surplus excavated earth by Mechanical with in all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owener of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of diisposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.
			1.55 Cum
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. 0	Total		Per Cubic Metre
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Recovery of usefull bricks 181.00. recovered from site wiil be charged / deducted from contractor @ Rs. 4.00 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.

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.

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Executive Engineer
Shimla Division No.III
HP PWD. Shimla



Estimated Cost Rs. :- 52590.00 Earnest Money Rs. :- 1050.00

Time:- One Month.

# Name of work:- Furnishing of Oak Over Official residence of Hon" ble Chief Minister H.P Shimla-2 (SH:- Providing and fixing Curtain and restuffing of sofa set in G.Floor and ist floor at Oak Over etc.)

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10 9	6	w		<b></b>	7	U,				mo T	= 0 10	o =	-
Providing and supplying at Site Double bed polofil fiber Quilt of standard size 1.00 2.20X2.40 of approved quality and shade ncluding carriage of materials in all leads and lifts.		Supplying and placing at site fibre pillow of standred size and quality as per approved 4.00 sample in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	Providing and supplying at Site Double bed sheet size 220"x240"of approved quality 2.00 and shade notuding carriage of materials in all leads and lifts.	Providing and fixing Ess -ESs curtain steel rods of standard quality complete as per the 6.00 direction of engineer-in-charge complete including carriage of material with in all leads and lifts.	Providing and fixing curtain rod within brackets including fixing complete including 19.00 carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	Providing and fixing curtains of superior quality febrics of D'Decor make 500 gsm of 6.00 standard with 48" of approved design and shade with stain lining of superior quality febric brand specified length and standard width of 2.0metre to 2.30metre including stitching tape and curtains ring etc complete in all respect including carriage of material with in all leads and lifts.	Up holstering / re-stuffing of sofa two seater and back and cushion with marking or 1.00 tapestry cloth cuttng to shape, stitching and fixing etc and fixing foam padding in seat and back complete including cost of tapestary cloth foam sheet complete as per the direction of the Engineer-in-Charge.	Supplying F.O.R at store Door Matt of good quality of standred size and quality ncluding 18.00 carriage of materials in all leads and lifts and as per the direction of the Engineer-in-Charge:- (i) Dura soft foot matt.	Providing and fixing at site acrylic coir foot Matt of Good Quality of standred size and 3 quality all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	Providing and fixing at site dura grass foot Matt of Good Quality of standred size and 1 quality all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	Providing and fixing at site coir foot Matt of Good Quality of standred size and quality 15.00 all leads and lifts including carriage of materials and as per the direction of the Engineer in-Charge.	Items of work	
	1.00	4.00	2.00	6.00	19.00	6.00	1.00	18.00	3.00	18.00	15.00	õ	
	Ņ	Nos.	Nos	Rmt	Rmt	Nos	N	Sft	SfL	Sft.	Sft.	Quantity	
										4		Rate In figuers In words	
	Each	Each	Each	Per running metre.	Per running metre.	Each	Each	Per Square feet.	Per Square feet.	Per Square feet.	Per Square feet.	Unit.	
												Amount.	

Rates should be quoted for all heights including all leads and lifts for	CONDITION	Providing and supplying at Site Double bed Quilt cover of standard size 2.20X2.40 of 2.00 No. approved quality and shade ncluding carriage of materials in all leads and lifts.
		Each

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. :- 483922.00
Earnest Money Rs. :- 9680.00
Time:- One Month.

Work	of w	
work and Polycarbonate sheet in out houses and yates cottege at Benmore section)	of work:- A/R and M/O Various out houses at Oak Over under division no III Shimla. (SH:-Providing)	
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Providing and laying 40mm thick faciory made cement concrete 25.00 interlocking paver block of M -30 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 corrugated G.S. sheet roofing including vertical / curved 9.12 surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.0.63 mm thick with zinc coating not less than including carriage of materials within all leads and lifts	Providing and fixing M.S. welded mesh 25mm X 25mm X 3mm thick as 5.28 per approved design complete by welding with electrical plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I and including carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	Providing and fixing MSBP sheet 1.66 to 2.00 mm thick in eaves 17.15 board/faciasoffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per instruction of Engineer-in-charge	Structural steel work riveted, bolted or welded in built up sections, 2544.00 trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials within all leads and lifts.		Items of work
25.00	9.12	5.28	17.15	2544.00		Quantity
Sqm	Sqmtr	Sqm	Sqm.	ģ		ntity
	,			9.	In figuers In words	Rate
Per square metre	Per square metre.	Per square metre	Per square metre.	Per kilogramme.		Unit.
						Amount.

14	<u>-</u>	ವ	3	12	3	10	9	w		
	€									
Painting Steel work with Deluxe Multi Surface Paint to give an even 83.27 shade. Two or more coat of approved brand and manufacture		Providing and fixing M.S sliding door bolts, transparent or dyed to 4.00 required colour or shade, with nuts and screws etc. complete: 250x16mm.	100mm	Providing and fixing oxidized M.S.pressed butt hinges with necessary 6.00 screws including carriage of materials in all leads and lifts 125x65x2.12mm.complete.	Providing and fixing top cover for rolling shutters including carriage of materials 4.65 in all leads and lifts:- Shutters having width bolow 3.5metre.	Providing and fixing 27.50 centimetre long wire spring grade No.2 for rolling 2.00 shutters including carriage of materials in all leads and lifts.	Supplying and fixing rolling shutters of approved make made of 80mm X 1.25mm M.S laths interlocked together through their entire length and joined together at the end by end locks mounted on specially designed pipe shaft, with brackets side guides and arrangements for inside and outside locking with push pull operation complete but excluding the cost of the top cover and spring including carriage of materials in all leads and lifts:- Shutters having width below 3.5metres.	Providing and fixing 15 cm. wide 45 cm. overall semicircular plain G.I. sheetgutter with iron brackets 40x3mm size bolts and nuts and washers etc. including making necessary conections with rain water pipe complete as per design.0.63mm thk	Providing ridges or hips of width 60 cm overall width plain G.S. sheet 3.00 fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete including carriage of materials within all leads and lifts:- 0.63 mm thick with zinc coating not less than 275 gm/m².	roofing with galvanised Jor I hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories asrequired in all leads and lifts as per direction of Engineer-in-charge.
83.27	3.00	4.00	6.00	6.00	4.65	2.00	14.70	3.00	3.00	49.30
Sqm	No No	. No	No.	No.	Rmt.	No.	Sqm	Rmtr	Rmt.	Sqm.
metre square		Each	Each	Each	Per running metre.	Each	Per square metre.	Per running metre	Per running metre	Per square metre

CONDITION	Providing and fixing PVC plain bend ISI marked including fixing with 3.00 approved adhesive etc. complete including carriage of materials within all leads and lifts:-110mm dia	Providing and fixing pipes on wall face PVC (Finolex) type "A" pipes 1.50 including filling the joints with approved adhesive and inclunding require No. of coller and clamps etc. complete including carriage of materials within all leads and lifts:- 75mm nominal size.
	3.00	1.50
	N <sub>o</sub>	Rmt
	Each	Per running metre

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. :- 0.00 297972.0
Earnest Money Rs. :- 0.00 5760-6

Time:- One Month.

8 0 Fixing Collapsible Steel Gate , Sensor Glass Gate etc. in Newly Constructed Porch.) Name of work: - Special Repair Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, 2500 MM Maximum , Clean width up to 2000 MM , Instaling in Surface ceiling & Lintel, handles, including applying a priming coat of approved steel primer. speed 100-400 mm Per Second , Hold time 20 Second of featurese, automatic reverse, of State power Consumption 25 W, Opening speed 100-500mm per Second, Closing Providing and Fixing Glass Sensor Door, Weight 1x120 Kg. OR 2x75 Kg, Height up to brand . including carriage of Material with in all leads and lifts Partial opening, automatic locking, Locked Mode, of Certited 150-9001 of First Quality in - Charge including carriage of Material with in all leads and lifts Providing and Fixing Tongued glass 12mm Thick in position as per direction by Engineer with in all leads and lifts Thick in position as per direction by Engineer -in - Charge including carriage of Material Cutting holes in Proper size and Shape( Where ever Required) Tongued glass 12mm Items of work ಠ Himachal Hospital of Mental health & Habitation Boieleaganj. Shimla-5(SH:- Providing and Quantity 7.20 Sqm 16.00 No 1.00 No 4.50 Sqm In figuers Rate in words Metre Each Square Per Each Metre Square Per Unit. Total Amount.

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

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

userul materials will 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 Sample 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 contractor @ Rs. 5.00 Each.

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

Estimated Cost Rs. :- 412616.00

Earnest Money Rs. :- 8260.00 Time:- One Month.

day to day for Block-"A" Block"B" Block "C" Block "D" and Block-"E" at IGMC. Shimla (under section -II & III IGMC.) Name of work: - A/R & M/O to Various Residential Building at IGMC Shimla (SH:- Supplying of Various Items for for Maintance of

26	25	24	23	22	21	20	19	18	17	16	15	12		
Providing and Supplying Drill Bit for RCC/ Masonary 8mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Drill Bit for RCC/ Masonary 6mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.		1 4/		Providing and Supplying Double action door hinges 150mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Aluminium Tower Bolt 150x10mm mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Aluminium Tower Bolt 100x10mm mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Aluminium Handle 125 mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Aluminium Handle 100mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Aluminium Sliding door Bolt200x16mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Curtain bracket power Coated of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	22 €	l δ	S
2.00 N	2.00 No	4.00 P	2.00	7.00 No	2.00 No	22.00 No	12.00 No	20.00 No	10.00	14.00	18.00	12.00	64.00	54.00
N <sub>O</sub>	No	Pkt.	Pkt	Š	o N	No	No	No	No	N <sub>O</sub>	No	No	0 Sft.	0 Sft.
Each	Each	Per Packet	Per Packet	Each	Each	Each	Each	Each	Each	Each	Each	Each	Square Feet	Square Feet

	Iproviding and Supplying tarpinline Oil of approved brand at the			
	. =	2.0	2.00 Litre	Per Litre
-1	Providing and Supplying Wood primer of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	2.00	Litre	Per Litre
29	Providing and Supplying Enamel Paint White of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	6.00	6.00 Litre	Per Litre
30	Providing and Supplying Painting Brush 75mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	1.00 No	No	Each
31	Providing and Supplying Leak stop of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	10.00 Kg	<u>\$</u>	Per Kilogramme
32	Providing and Supplying GI. Pipe 6.00 Metre Long 15mm (N.B) Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	5.00 Length	Length	Per Length
33	Providing and Supplying Gl. Socket 15mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	8.00 No	No.	Each
34	Providing and Supplying GI. Elbow 15mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	22.00 No	8	Each
35	Providing and Supplying Gl. Tee 15mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	6.00 No	N <sub>O</sub>	Each
36	Providing and Supplying Gl. Union 15mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	10.00 No	No	Each
37	Providing and Supplying GI. Nipple 15x50mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	12.00 No	6	Each
38	Providing and Supplying Gl. Nipple 15x100mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	16.00 No	6	Each
39	Providing and Supplying Gl. Nipple 15x150mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	16.00 No	6	Each
40	Providing and Supplying Brass stop Cock 15 mm Medium Duty of approved brand at store of Sub Division No.II at IGMC Section-II & III including carriage of materials within all leads and lifts.	24.00 No	5	Each
41	Providing and Supplying Brass Pillar Cock 15 mm Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	24.00 No	ō	Each

56	55	54	53	52	51	50	49	48	47	46	45	12	س,	
Providing and Supplying Gl. Tee 32mm Dia Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Gl. Elbow 32mm Dia Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Gl. Pipe 32mm Dia Medium Duty of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying White glazed viterious China wash basin 550x450 mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying CP. Wall mixture 15mm Dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying CP. Central hole wash Basin mixture 15mm Dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PVC. Handle with Rod for PVC. Cistern of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying ball Cock for PVC. Cistern of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PTMT.Bib Cock Short Body (Paryag) of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PTMT.Bib Cock Long Body (Paryag) of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying spandel for Cock 15mm Dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PVC. Pipe Connection for Hot water 15x 450mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	ar sis	င္တ ရ	င္တ ရ
2.00 No	13.00	84.00 Rmt	11.00 N	2.00 No	6.00 No	36.00 No	12.00	22.00	21.00	30.00	52.00	44.00	46.00	44.00
N <sub>O</sub>	No	Rmt	N <sub>O</sub>	N <sub>O</sub>	No	No No	No No	No	N <sub>O</sub>	O No	No No	N <sub>O</sub>	No No	00 No
Each	Each	Per Running Metre	Each	Each	Each	Each	E ACT	Each	Each	Each	Each	Each	Each	Each

71	70	69	88	67	66	65	64	63	62	61	8	28	-,	
Providing and Supplying CP. Soap Dish of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying CP. Waste Coupling 32mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying CP. Waste Coupling 40mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PVC. Waste pipe 32mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying PVC. Waste pipe 40mm dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying CP Grating 100mm Dia of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying MS. Anchor Bolt With rod 10mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Cp. Jet With PVC. Pipe of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Syphon for PVC. Cistern of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Wire Mesh 144 G of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Gl. Nipple 32x150mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying Gl. Nipple 32x100mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	Providing and Supplying GI. Nipple 32x75mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.		_
13.00 No	18.00 No	12.00 N	65.00 No	23.00 No	36.00 No	16.00 No	14.00 No	16.00 No	152.00	8.00	4.00	6.00	10.00	4.00
8	No No	No	S S	ő	Š	N <sub>O</sub>	o o	No	Sft.	N	No No	O No	No No	0 N
Each	Each	Each	Each	Each	Each	n nach	r acn	Each	Square Feet	Each	Each	Each	Each	Each

.

Total			Conditions:-	
Each	No	13.00 No	Providing and Supplying PVC. Seat cover White Hollow of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	76
Each	. No	10.00 No	Providing and Supplying PVC. Low level Double Syphon Cistern 10.00 Litres Capacity of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	75
Each	00 No	7.00	Providing and Supplying Viterious China WC. Seat (European Type) Anglo Indian Type of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	74
Each	No	3.00 No	Providing and Supplying Viterious China WC. Seat orrissa Patern 580 mm of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	3
Each	.00 No	2.00	Providing and Supplying Viterous China WC. Seat White of approved brand at store of Sub Division No.II at IGMC. Section-II & III including carriage of materials within all leads and lifts.	) ,

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

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

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

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



Estimated Cost Rs. :- 266239.00

Earnest Money Rs. :- 5330.00
Time:- One Month.

leakage) lame of work: - Special repair to Nursing Hostel at IGMC. Shimla( Old Dental) (SH:- providing roof over Toilet block to avoid the

N S	_	N	ω	4	U)	0
No.						
Items of work	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:(i) all Kind of soil	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size).	Steel work welded in built up sections in trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in gratings framed guard bars, ladders, railling, brackets and similar works including carriage of materials in all leads and lifts.	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete:(I) Ridges plain (500 - 600mm)
Quantity	0.36	0.36	0.66	1556.28	19.24	3.70
	Cum	cum	Cum	<i>₹</i> 9	Sqm	Sqm
In figuers						
Rate In words					s ä	
Unit.	Per Cubic Metre	Per cubic metre	Per Cubic Metre	Per Kilogram me	Per Square Metre	Per square meter
Amount.						

				- 199			
	13	12	11	10	9	1	
Conditions:-	Painting with synthetic enamel paint on steel surface of approved brand and manufacture to give an even shade (i):Two or more coats on new work	Providing and fixing PVC Collar including fixing with approved adhesive etc. complete.(i) 110 mm	Providing and fixing PVC plain bend including fixing with approved adhesive etc. complete.(i) 110 mm	Providing and fixing on wall face unplasticised Rigid PVC. 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 ncluding carriage of materials upto all leads and lifts by mechanical means and manual labour and as directed by the Engineer in Charge.	Providing and fixing M.S welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-1 including carriage of materials up to all leads and lifts.	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete:(i) Gutter (600 mm over all girth)	Providing and fixing M.S. BP sheet 1.66 to 2.00 mm thick in eaves board/facia/soffits/ceiling including cutting , fixing and welding to steel roof member and applying a coat of red lead of primer complete in all respect as per directions of the Engineer-in-Charge.including entire carriage of materials in all leads and lifts
	61.15	9.00	8.00	37.20	32.56	17.40	11.8:
	61.15 Sqm	9.00 No.	8.00 No.	37.20 Rmt.	32.56 Sqm	17.40 Rmt.	1 Sqm
Total	Per Square Metre	Each	Each	Per Running Metre	Per Square Metre	Per Running Metre	Per Square Metre

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

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



Earnest Money F 7680.00 Estimated Cost I 383839.00

Time:- one Month

Time:- one Month
Name of work:- S/R to various residential buildings under division no III Shimla. (SH:-Repair of roofing in Block C Set no C-5 & C-6 at Old MLA Qtrs Near Boiluganj Crossing
Shimla.

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	**********		ס רו	8 <del>2</del> Di	<b>₹</b> ₹ 70	± 20 €	= TQ 0 D 0 N 0 T	
nomolishing brick work manually/ by mechanical means including stacking of continuity	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.	Dismantling wooden boardings /Eaves board including stacking complete including carriage of materials within all leads and lifts as per direction of Engineer - in - charge:-width Upto 200 mm	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	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.	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.	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.	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.	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 15-18 microns using self drilling/ self tapping screws complete: i) Ridges plain (500 - 600mm)
	1.06 Cum	10.85 Cum	171.36 Cum	0.33 Cum	0.44 Cum	313.52 Kg	183.20 Sqm	20.35 Rmtr
In figuers								
In words								
oii.	Per Cubic meter	Per Cubic meter	Per cubic metre	Per cubic metre	Per cubic metre	Per Kilogramme	Per square metre.	Per running metre
Aillouit								

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.	Rates should be quoted for all heights including all leads and lifts for internal and external works	opation:-	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.	providing and tixing preparative garvantised steel sheet roofing accessories 0.60 mm (+0.05 %) total poaled 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:- Flashings/ Aprons. (Upto 600 mm).
			7.32 Sqm	18.20 Rmtr
		Total	Per square metre.	Per running metre

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



Estimated cost:-Earnest Money:-

466168.00 9350.00 One Month

Name of work:- Special Repair to HP. Public Service Commission office building at Nigam Vihar Shimla (SH:- Providing & fixing prepainted sheet roofing over Entrance path towards Kanteen, tiles, M.S. grills, pine wood ceiling in computer room top floor of block "C" above Canteen)

SI. No.	Items of work	Quantity	In figuers	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 richer mix (i/c equivalent design mix)including carriage of materials within all leads and lifts.	1.83 Cum	(	
2	Usarinage or material within 50 metres lead of Dismantling roofing including ridges, hips, valleys and gutters etc and stacking the material within 50 metres lead of G.S. Sheet including carriage of materials within all leads and lifts. G.S. Sheet/prepainted sheet.	25.80 Sqm		
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within all leads including carriage of materials within all leads and lifts.	23.24 Sqm		
4	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m or the process of materials within all leads and lifts.	0.15 Cum		
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)including the cost of position cut in the contract of materials within all leads and lifts	1.11 Cum		***************************************
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, priming coat of approved steel primer using structural steel etc.	1383.98 Kg		
7	changs, prackets, gates and similal works including carriage or new providing and fixing M.S. BP Sheet 2.00mm thick in eaves board/facial/soffits/ceiling including cutting, fixing and providing and fixing M.S. BP Sheet 2.00mm thick in eaves board/facial/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in charge (Base members of steel work shall be measured and paid separtely) including carriage of materials within all	20.70 Sqm		
8	redus and mix  Providing wood work in frames of false ceiling, partition etc. sawn and and putup in position including carriage of materials within all leads and lifts. 2nd class deodar wood.	0.291 Cum		
9	Providing and fixing 9mm thick ply wood ceiling/lining with butt jointing and nails (frame work and cove fillets to be measured and paid for separately) inclding carriage of materials within all leads and lifts.	34.50 Sqm.		
10	Providing and fixing 12 mm thick pine wood 1st class imported in ceiling with tounged and grooved jointing of standard quality ISI mark and approved shade and colour complete including carriage of materials in all leads and lifts.	34.50 Sqm		***************************************
1 E = P	Providing and fixing 50x12mm plain square edged cover filiets (beading) with wood screws in ceiling and lining including mitring at junctions in deodar wood including carriage of materials within all leads and lifts as per direction of Engineer-in-charge -	23.80 Rmt		
12 In Q w P	Providing and laying vitrified floor tiles 600x600mm in different sizes (flickness to be specified by the individual 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 sturry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials			
13 Pr	within all leads and initial with water Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer, in all colours and shade, absorption less than 0.08% and conforming to IS 15622, of approved brand & manufacturer, in all colours and shade, absorption less than 0.08% and conforming to IS 15475, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be conforming to IS 15475, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be conforming to IS 15475, and specified and services of materials within all leads and lifts.	3.57 Sqm		

[	24	23	22	21	20	19	18	17	16	5	
		23 Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials within all leads and lifts as per direction of Engineer-in-charge ∵Plain Glass 5mm thick.	Polishing two or more coats with malamine polish of required shade on new wood and wood based surfaces togive an even surface including cleaning the surface of all dirt, dustand sand papered smooth and including a coat of wood filler in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.		20 Painting steel work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm of approved brand and manufacture including carriage of materials within all leads and lifts.			17 Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts.		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 Flashings/ Aprons. ( Upto 600 mm) including carriage of materials within all leads and lifts	
	2.44 Cum	2.75 Sqm	37.95 Sqm	13.86 Sqm.	29.19 Sqm	40.60 Sqm	40.60 Sqm	17.36 Sqm	23.24 Sqm	21.90 Rmt	36.42 Sqm
Total:-	Per cubic meter	Per square meter	Per square meter	meter meter	meter meter	Per square meter	Per square meter	Per square meter	Per square meter	Per running meter	Per square meter

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

Executive Engineer Shimla Division NO:Jll. HP.PWD.Shimla-1-7003

ii) Paint, emulsion, distemper etc. should be of 1st class quality and it should also be got approved from Eigineer: in- charge before use iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.



Estimated Cost Rs. :- 219054.00 Earnest Money Rs. :- 4390.00

Time:- 15 Days

Cleaning of Drain , Road & Clearing of Road side Grass between Rd. 0/00 to 2/670 ) Name of work: - Restoration of Rain Damages on Road From Navbahar to holly Lodge Km. 0/00 to 2/670(SH:- Sweeping and

	9	-	,				
SI. No.	Items of work	Quantity			Rate	Unit.	Amount.
				In figuers	In words		
_	Sweeping, & Cleaning of drain and disposal of waste material with in all leads and lifts as	12717.00 Sqm	ğm			Per	
	per direction of Engineer -in- Charge.					Square	
						INICHIC	
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings	13400.00 Sqm	qm			Per	
	of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish					Square	
	up to a distance of 50 m outside the periphery of the area cleared including carriage of					Metre	
	materials in all leads and lifts						
						Total	

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



Estimated Cost 222974.00
Earnest Money 4460.00
Time:- one month.

# **Qtrs near Boileauganj crossing Shimla)** Name of work:- A/R and M/O various residential buildings under division No III Shimla .(SH:- Repair of roofing in block C at Old MLA

	running		7. OC 12. III	3.00	Providing eaves board 200mmx25mm thick including fixing in position in zind class deodar wood.including carrage of material within all leads and lifts as per direction of Engineer-in-charge.	Prov
	Per		O B	77 60		
					screws of size (5.5 x 55mm) with EPDW sear, complete upon any promining vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	ver
					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	as
					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	<u> </u>
	metre				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	_
	Per		28.65 Sqm.		Providing and fixing Tata Durashine precoated galvanised iron profile sheets (size, shape	4 P
	li ci c.			2	wrought, tramed and fixed in position and class decoar wood including carriage compared within all leads and lifts.	·
bic	Per cubic		0.050 Cum.		_	3
					carriage of materials within all leads and lifts:- Hot finished welded type tubes.	
	me			<u> </u>	primer, including welding and bolted with special shaped washers etc. complete including	
3	Per		255.17 Kg.			2
		08			complete including carriage of materials within all leads and lifts.	
	me			ks	required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	
3	Per Kilogram		368.79 Kg.		1 Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in	4
		In figuers In words	5		No.	Ž
t. Amount.	Unit.	Rate	Quantity	-	St. Items of Work	U

		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.	
		Rates should be quoted for all heights including all leads and lifts for internal and external works.	
Total			
		- charge.	
		including carriage of materials within all leads and lifts as per direction of the Engineer - in	
metre		(Face area of scafolding up to top pedestal height shall be measured and paid for)	
square		Bamboo complete tied with rope on joints and pedistal of CGI Sheet etc. in all respect	
Per	82.05 Sqm	Providing scaffolding for all kind of works in multistorey buildings up to all height with	-
metre		INTS.	
square		of approved brand and manufacture including carriage of materials within all leads and	-
Per	18.40 Sqm	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat	-
metre.		within all leads and litts as per direction of Engineer-in-charge.	
square		manufacture on wood work (nard and soit wood) complete including carriage of material	
Per	18.40 Sqm	Applying priming coat with ready mixed pink of Grey primer of approved brand and	
metre		and mile.	
 square		coat or approved braind and manufacture modeling carriage of materials within all leads	
Per	mbe oz zor	cost of approved brand and manufacture politicing carriage of materials	
meue.	100 00 500	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more	_
Square		separately) including carriage of materials within all leads and lifts.	10
SOURCE	(4)	Jointing and wood screws (frame work and cover fillets to be measured and paid for	_
Per	30.21 Sqm	inviting and fixing 0.53 mm thick PGI sheet ceiling/lining of approved quality with butt	-
		Droviding and finite open the policy in the	,

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

3

Estimated Cost Rs. :- 146104.00 Earnest Money Rs. :- 2920.00

	nest
	Money
Time	y Rs.
- One	:- 292
Month.	920.00

	7 10		N	w		
_	No.				4	O1
repair work in yates cottege )	Items of work	Providing and Fixing 4mm thick cement asbestos or other hard board 49.10 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.	Providing and fixing 40x12mm hard wood corner beading with wood 189.00 screws in glazing patition etc including carriage of materials within all leads and lifts. Rae / Chill wood.	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately): For fixed portion:- (i) Anodised aluminium (anodised transparent or dyed to required shade according to IS:1868, Minimum anodic coating of grade AC 15) complete including carriage of material in all leads and lifts and as per the direction of the Engineer-in-Charge.	Providing and fixing glazing in aluminium door, window, ventilator 7.27 shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	aluminium tubular handle bar 32 mm outer dia, 3.0 n long with SS screws etc .complete as per direction ge. Powder coated minimum thickness 50 micron
	Qua		189.00	141.06	7.27	2.00
	ntity	Sqm	Rmt.	6	Sqm.	8 N
	In figuers					
	In words					
		Per Square metre	Per running metre.	Per Kliogranne	Per square metre	Each
	2					

		CONDITION	-
Sqm	116.67	Finishing walls with Acrylic Smooth exterior emulsion of required shade 116.67 complete including carriage of materials within all leads and lifts:- Old work (One or more coat applied @ 0.90ltr/10 sqm) including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	6
Sqm.	40.08	shade. one or more coat sqm of approved brand and manufacture including carriage of materials within all leads and lifts.	
Sqm.	69.60	Painting wood work with Deluxe Multi Surface Paint of required shade. 69.60 Two or more coat applied of approved brand and manufacture. Including carriage of materials in all leads and lifts.	
Sqm.	69.60	Applying priming coats with primer of approved brand and manufacture, 69.60 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.	
No.	1.00	with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete including carriage of materials within all leads and lifts.	1

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.