

Himachal Pradesh  
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2022-2023- 13876-37 Dated:- 6/10/22

To


The Executive Engineer (IT Cell)  
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


Enclosed please find herewith the tender Notice of work as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B)A(3)1/2020 dated Shimla-2 the 16<sup>th</sup> July 2021 as the works mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender & Schedule of Quantity and Certificate.

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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4<sup>th</sup> Circle HPPWD Shimla .

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

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

Executive Engineer B&R Division No-I HPPWD Shimla for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HPPWD, so as to reach in the office as per time schedule given below:-

1. Date of receipt of application for tender forms:-
2. Dated of issue /sale of tender forms:-
3. Date of receipt of tender:-
4. Date of opening of tender:-

13-10-2022 upto 4:00 PM  
14-10-2022 upto 4:00 PM  
15-10-2022 up to 10:30 AM  
15-10-2022 up to 11:00 A

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	A/R & M/O to various residence quarter at Brock Hurst Shimla-9 (SH:- Painting/Distemping work in cottage No. 13,18, type-IV set No. 4,7 type-I set No. 15,16 and Vacation/due at Brock Hurst Shimla-9)	214350/-	300/-	350/-	30 days	Class-D
2	A/R & M/O various type-III and type-IV GAD Qtrs at parimahal Kasumpti Shimla-9 (SH:- Cleaning of water storage tanks of GAD Qtrs under parimahal section).	75600/-	1600/-	350/-	30 days	Class-D
3	A/R & M/O various type-III & type-IV GAD at parimahal Kasumpti Shimla-9 (SH:- P/F accessories and P/L vitrified tiles in type-III set nO. 80 under parimahal section).	103177/-	2100/-	350/-	60 days	Class-D
4	A/R & M/O various type-III & type-IV GAD at parimahal Kasumpti Shimla -9 (SH:- P/F Door and window shutters in various sets and P/F PVC in type-IV set nO.59 and P/F PVC water storage tank in type-III set nO.;71 under parimahal section).	153857/-	3100/-	350/-	60 days	Class-D
5	R/O Rain damages on various road under Baldeyan section (SH:- Removal of slips on Baldeyan to Dhar road km. 0/00 to 2/00).	99481/-	2000/-	350/-	30 days	Class-D
6	A/R & M/O type-I to VI Qtrs at Mehli Kasumpti Shimla-9 (SH:- Repair work of baths WC in set No. 8 type-I and cup- board in set No.1,2,8 and 12 Covering of Balcony set No.8 and 12 type-I at Mehli Kasumpti ).	195904/-	4000/-	350/-	30 days	Class-D
7	R/O rain damages on various road under Baldeyan section (SH:- Removal of slips on Gumma to Jabbal road km. 0/00 to 2/240).	66481/-	2000/-	350/-	30 days	Class-D
8	A/R & M/O to various residence qtrs at Brock Hurst Kasumpti Shimla-9 (SH:- Improvement of approach in cottage No. 19,18 at Brock Hurst Kasumpti Shimla-9).	140507/-	2900/-	350/-	60 days	Class-D
9	Improvement and Widening Damachi to Bhad road under sub Division Junga, (SH:- Providing and laying of hot applied thermoplastic, rumble strips ,informatory sign board, brand grade km. stone/Local stone etc)	222000/-	5500/-	350/-	60 days	Class-D
10	Improvement & Widening on various road Dhalli Section (SH:- Maintenance of Earthen Shoulder Maintenance of Drain ,Culvert, Terming of Grass and white washing of parapets Drain in between RD. Bhatta Kuffer Jawala Mandir km. 0/00 to 0/800 & Bhatta Kuffer to koti road km. 0/00 to 6/885).	489914/-	9800/-	350/-	30 days	Class-D
11	Improvement and widening Challanda to Piran road km. 0/00 to 0/28 (SH:- Maintenance of Earthen shoulder, Mainteance of Drain , Trimming of Grass andn white washing of parapets between RD. 0/00 to 8/00).	378480/-	7600/-	350/-	30 days	Class-D
12	Restoration of rain damages on mashobra to Bhaekhalty road km. 0/00 to 18/360 (SH:- C/O R/wall at RD. 9/240 to 9/249).	499749/-	10000/-	350/-	30 days	Class-D
13	A/R & M/O to various residence qtrs under Kasumpti sub Division Shimla-9 (SH:- Painting /Disempering cup board and minor repair work in type-II set No.29 and type-III set no.26 at Kasumpti Shimla-9).	98600/-	2000/-	350/-	60 days	Class-D
14	A/R & M/O various residence qtrs under Kasumpti Sub Division Shimla-9 (SH:- Providing and fixing Vitrified tiles in bed room and minor work in type-III set No.66 at Brock Hurst Kasumpti Shimla-9).	97199/-	2000/-	350/-	60 days	Class-D
15	A/R & M/O to various type-III & Type-IV GAD at parimehal Kasumpti Shimla (SH:- Providing and fixing wall and floor tiles and vitrified tile accessories etc in type-III set No.72)(Parimehal section).	204088/-	4100/-	350/-	60 days	Class-D
16	Improvement and widening of chotta Shimla to Panthaghatti road (SH:- Grating and fencing work at RD. 0/270 to 0/295).	430577/-	8700/-	350/-	60 days	Class-D
17	A/R & M/O to various residence quarter under Kasumpti Shimla-9 (SH:- Repair of chamber in cottage 1 to 4 at Brock Hurst Shimla-2).	28800/-	600/-	350/-	15 days	Class-D
18	A/R & M/O SIHFW at parimahal Kasumpti Shimla-9 (SH:- Interior and exterior white washing , P/F wooden ceiling in office building etc of SIHFW under parimahal section).	419573/-	8400/-	350/-	60 days	Class-D
19	A/R & M/O Hostel building of SIHFW at parimahal Kasumpti Shimla-9 (SH:- P/F Cup board , painting ,P/F curtain rod, accessories in cup board etc in various rooms of SIHFW hostel under parimahal section).	334574/-	6700/-	350/-	60 days	Class-D
20	A/R & M/O to various type-III & IV GAD at parimahal Kasumpti -9 (SH:- Providing and fixing chequered plate on parking for GAD colony in front of type-III set no.29 to 32 at parimahal Shimla).	453640/-	9100/-	350/-	30 days	Class-D
21	A/R & M/O to various residential qtrs Brock Hurst Kasumpti Shimla-9 (SH:- C/O Garraage for type-V set No.12 at Kasumpti Shimla-9).	140511/-	2800/-	350/-	30 days	Class-D
22	A/R & M/O to Below pine set No. 1 at Brock Hurst Shimla-2 (SH:- C/O toilet Renovation of W.C bath , Vitrified tiles flooring in Ground floor room and PVC flooring and minor repair work in Below Pine set No. 1 at Brock Hurst Shimla-2)	472690/-	9500/-	350/-	60 days	Class-D



23	A/R & M/O to Various residence qtr at Kasumpti Shimla-9 (SH:- Painting / Distempering work in Type-II set NO. 4,8 and Type-III set No. 168 and various Vacation/due sets at Brock Hurst Kasumpti Shimla-9).	96225/-	2000/-	350/-	30 days	Class-D
24	A/R & M/O to various residence qtrs under Kasumpti Sub Division Shimla-9 (SH:- Painting /Distempering , Cup board and minor repair work in cottage No.4 at Kasumpti Shimla-9).	99400/-	2000/-	350/-	60 days	Class-D
25	A/R & M/O to various residenctial qtrs under Kasumpti Shimla-9 (SH:- PVC and unitex flooring in type-V set NO. 11 and Cottage No. 12 at Brock Hurst Shimla-9).	99141/-	2000/-	350/-	30 days	Class-D
26	A/R & M/O to various residence qtrs under Kasumpti Sub Division Shimla-9 (SH:- Covering of water tanks and Fixing of Jaffri in cottage No.13 at Brock Hurst Kasumpti Shimla).	159916/-	3200/-	350/-	30 days	Class-D
27	Improvement /Widening Rajhana to Bird colony road km. 0/00 to 1/300 (SH:- C/O R/wall and Parapets in Rd. 0/515 to 0/533).	474840/-	9500/-	350/-	30 days	Class-D
28	A/R & M/O to MRR via Chotta Shimla road (SH:- dismantling & Re-erection of M.S.steel channel and M.S Railing in various RDs).	99109/-	2000/-	350/-	30 days	Class-D
29	Improvement and widening Challanda to Piran road km. 0/00 to 28/20 (SH:- Maintenance of Earthen Shoulder, Maintenance of Drain , Trimming of Grass between Rd. 8/00 to 14/00).	214140/-	4300/-	350/-	15 days	Class-D
30	Improvement of Old Kasumpti Junga road km. 0/00 to 11/00 (SH:- C/O "U" shape drain and P/F grating in km. 0/150 to 0/210).	475741/-	9600/-	350/-	30 days	Class-D
31	A/R & M/O to various residence qtr at Brock Hurst Kasumpti Shimla-9 (SH:- Providing and fixing polycarbonated and chequered sheet house No. 2 First floor at Brock Hurst Kasumpti Shimla-9).	146838/-	3000/-	350/-	30 days	Class-D
32	Improvement of curve on Kufri Chail road km. 0/00 to 25/00 (SH:- Widening of curve between RD. 1/855 to 1/975).	226043/-	4600/-	350/-	30 days	Class-D
33	Improvement of curve on Kufri Chail road km. 0/00 to 25/00 (SH:- Widening of curve between Rd. 23/030 to 23/055).	265463/-	5300/-	350/-	30 days	Class-D

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

The tender documents shall be issued only to those contractor/Firm who fulfill the following documents with the application.

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP. F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-I HPPWD Shimla.
5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form . The application received without earnest money & cost of tender form shall summarily be rejected.
6. The officer of the tender shall remain valid up to 75 days after the opening of tender.
7. Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
8. Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
9. If the date given above happens to be holiday the same shall be processed on next working day.
10. The Contractor/firms must quote their rates in words as well as in figures failing which EXN reserve the right to accept/reject any or all tenders.
11. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12. One contractor shall not have more than two major works in hand at a time.
13. Work should be completed by the contractor within stipulated period.

No.PW-SD-I/CB-Tender/2022-2023-

Copy forwarded to :-

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
3. Copy to the Sub Divisional Magistrate (U) Shimla.
4. Copy to the Sub Divisional Magistrate (R) Shimla.
5. Copy to Municipal committee Shimla Distt. Shimla.
6. Copy to Block Development officer Mashobra Distt. Shimla.
7. All the Assistant Engineers under this Division, HPPWD Shimla-3.
8. Superintendent / HDM / DAO.
9. Notice Board.

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

Dated :-

6/10/22

Executive Engineer,  
Shimla Division No-I.,  
HPPWD Shimla.


## SCHEDULE OF QUANTITY

<b>Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.</b>	<b>Estimated Cost:- 2,14,350.00</b>
<b>Name of Work :- A/R &amp; M/O to various residence quarter at Brock Hurst Shimla-9 (SH: Painting/</b>	<b>Earnest Money :- 4,300.00</b>
<b>Distempering work in Cottage No.13,18, Type-IV set No.4,7 Type-1 set No.15,16 and Vacation/due at Brock Hurst Shimla-9)</b>	<b>Time:- 30 Days.</b>

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	400.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final flatter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	350.00	Sqm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	500.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	600.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	400.00	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	300.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	100.00	Sqm			Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	200.00	Sqm			Per Square Metre	
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	100.00	Sqm			Per Square Metre	






8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With a solution of 38 gms of copper acetate in a litre of soft water	20.00	Sqm			Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalised on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	150.00	Sqm			Per Square Metre	
10	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including t thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for metling the surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm			Per Square Metre	
11	Polishing two coat with french polish of required shade on old wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
12	Applying spirit or oil stains (any colour)on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
13	Applying three coat of sealar filling on new wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
14	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 PWD Shimla-3.

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 75,600.00	
Name of Work :- A/R & M/O various type-III and Type-IV GAD Qtrs. at Parimahahal, Kasumpti, Shimla-9 (SH: Cleaning of water storage tanks of GAD Qtrs. under Parimahahal Section).						Earnest Money :- 1,600.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cleaning of water supply tanks of various capacity upto 2000 litres PVC and MS water tank by manual labour using plastic gloves, socks, towel,duster, brushes & detergent etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	108.00	Nos			Per Cubic Metre	
						Total	

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



## SCHEDULE OF QUANTITY




Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,03,177.00	
Name of Work :-A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9 (SH: P/F accessories and P/L vitrified tiles in Type-III set No.80 under Parimahal Section).						Earnest Money :- 2,100.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
2	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	1.00	No			Each	
3	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity ( full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float,with push button,couplings for connections with inlet, outlet and ovr flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
4	Providing and fixing 8mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. traingular plate to Eureka type W.C. of quality and make as approved by Engineer-in-Charge.	1.00	No			Each	
5	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
6	Providing and Fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm long towel rail with total length of 645mm,width 78mm and effective height of 88mm weighing not less than 190 gms.	1.00	No			Each	
7	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm 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. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

8	Providing and fixing 600x450mm 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
9	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Seiko or Equivalent	2.00	Nos			Each	
10	Providing and fixing C.P. Brass bib cock of approved quality conforming to IS: 8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore.	3.00	Nos			Each	
11	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore with 45cm length.	3.00	Nos			Each	
12	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Flexible pipe (a) 32mm dia	2.00	Nos			Each	
13	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
14	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 in all leads and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	6.00	Nos			Each	
15	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Flat back (i) 550mm x 400mm	1.00	No			Each	
16	Providing and fixing C.P. Brass waste for wash basin or sink complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32mm nominal dia	1.00	No			Each	
17	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood	1.49	Sqm			Per Square Metre	
18	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	2.00	Nos			Each	
	(ii) 200x10mm	2.00	No			Each	



19	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	2.00	Nos			Each	
20	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200mm	2.00	Nos			Each	
21	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	173.15	Sqm			Per Square Metre	
22	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	173.15	Sqm			Per Square Metre	
23	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 in all leads and lifts as per directions of the Engineer-in-Charge.	76.18	Sqm			Per Square Metre	
24	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	95.68	Sqm			Per Square Metre	
25	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	3.95	Sqm			Per Square Metre	
26	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	3.95	Sqm			Per Square Metre	
27	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood	0.01	Cum			Per Cubic Metre	

28	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)Cement Mortar 1:5 (1 Cement : 5 Sand)	5.00	Sqm			Per Square Metre	
29	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm	34.40	Sqm			Per Square Metre	
						<b>Total</b>	

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



### SCHEDULE OF QUANTITY


<b>Tender Inviting Authority :</b> EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.	<b>Estimated Cost:-</b> 1,53,857.00
<b>Name of Work :-</b> A/R & M/O various Type-III & Type-IV GAD at Parimahal Kasumpti Shimla-171009 (SH: P/F Door and Window shutters in various sets and P/F PVC in Type-IV set No.59 and P/F PVC water Storage tank in Type-III Set No.71 under parimahal Section).	<b>Earnest Money :-</b> 3,100.00
	<b>Time:-</b> 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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 in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	6.00	Nos			Each	
2	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	1.00	No			Each	
3	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore	2.00	Nos			Each	
	(ii) Long Body	2.00	Nos			Each	
4	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 in all leads and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	2.00	Nos			Each	
5	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick ( i)2nd class Deodar wood	6.93	Sqm			Per Square Metre	
6	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick ( i)2nd class Deodar wood	7.22	Sqm			Per Square Metre	
7	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 40mm thick (i)2nd class deodar wood	1.78	Sqm			Per Square Metre	



8	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	12.00	Nos			Each	
	(ii) 200x10mm	14.00	Nos			Each	
9	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	20.00	Nos			Each	
10	Providing and fixing bright finished brass hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200mm	2.00	Nos			Each	
11	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	39.41	Sqm			Per Square Metre	
12	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	39.41	Sqm			Per Square Metre	
13	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	39.41	Sqm			Per Square Metre	
14	Providing and fixing 15mm mixer for kitchen sink with top/bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
15	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metallic finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG .	48.89	Sqm			Per Square Metre	

16	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, Sintex or its equivalent make with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but with out fittings and the base support for tank including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1000 Ltrs.	1.00	No			Each	
						<b>Total</b>	


  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

### SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,481.00	
Name of Work :- R/O rain damages on various road under Baldeyan section (SH: Removal of slips on Baldeyan to Dhar road Km. 0/00 to 2/00 ).						Earnest Money :-2,000.00	
						Time:- 30 Days.	
Sr No	Description of Work / Item (S)	No of Qty.		Estimated In figures	Rate In words	Unit	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	684.00	Cum			Per Cubic Metre	
						<b>Total</b>	

#### CONDITION:

1. All the P.O.L. Charges shall be borne by the contractor.
2. All the repair /maintenance of machineries shall be borne by the contractor.
3. For any minor /Major repair or any accident /damaged shall be the whole responsibility of contractor.
4. Any damages or loss to Govt./Private property during course of work shall have to be made good by the contractor.

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



# SCHEDULE OF QUANTITY

**Tender Inviting Authority :** EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

**Estimated Cost:-** 1,95,904.00


**Earnest Money :-** 4,000.00

**Time:-** 30 Days.

**Name of Work :-** A/R & M/O Type -I to VI Qtrs at Mehli Kasumpti shimla -9 (SH: Repair work of Baths W.C. in set No.8 Type-I and Cup board in set no-1,3,8 and 12 Covering of Balcony set No.8 and 12 Type-1 at Mehli Kasumpti).

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	45.61	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.61	Sqm			Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.61	Sqm			Per Square Metre	
4	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 6mm thick.	12.29	Sqm			Per Square Metre	
5	Providing and fixing commercial ply wood partition of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 9 mm thick.	20.04	Sqm			Per Square Metre	
6	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class deodar wood	90.87	Rmt			Per Running Metre	
7	Providing and fixing bright finished Stainless steel handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm	40.00	Nos			Each	
8	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.00	Nos			Each	
9	Providing and fixing wooden moulded beading to door and window frame with iron screw, plugs and priming coat on unexposed surface etc.. complete 2nd class teak wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 50x20 mm.	71.70	Rmt			Per Running Metre	
10	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.80	Sqm			Per Square Metre	
11	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	194.06	Kg			Per Kilogram	

12	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
13	Providing and fixing PVC plastic sheet cover with white plastic sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
14	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 10 litre capacity - White	1.00	No			Each	
15	Providing and fixing C.P. jet spray of approved quality and colour with one metre tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I) 8mm dia.	1.00	Nos			Each	
16	Providing and fixing C.P. brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 600mm x 20mm	1.00	No.			Each	
17	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Ready mixed paint brushing wood primer pink.	134.16	Sqm			Per Square Metre	
18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) White enamel paint.	134.16	Sqm			Per Square Metre	
						<b>Total</b>	

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

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,481.00	
Name of Work :- R/O rain damages on various road under Baldeyan section (SH: Removal of slips on Gumma to Jabbal road Km. 0/00 to 2/240 ).						Earnest Money :-2,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	684.00	Cum			Per Cubic Metre	
						<b>Total</b>	

**CONDITION:**

1. All the P.O.L. Charges shall be borne by the contractor.
2. All the repair /maintenance of machineries shall be borne by the contractor.
3. For any minor /Major repair or any accident /damaged shall be the whole responsibility of contractor.
4. Any damages or loss to Govt./Private property during course of work shall have to be made good by the contractor.

Executive Engineer,  
Shimla Division No.1,  
H.P. PWD Shimla-3.





## SCHEDULE OF QUANTITY

<b>Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.</b>	<b>Estimated Cost:- 1,40,507.00</b>
<b>Name of Work :- A/R &amp; M/O to various residence quarter at Brock Hurst Kasumpti Shimla-9(SH:</b>	<b>Earnest Money :- 2,900.00</b>
<b>Improvement of approach in Cottage No.19,18 at Brock Hurst Kasumpti Shimla-9).</b>	<b>Time:- Two months</b>

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	6.12	Cum			Per Cubic Metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) 1:3:6(1cement:three coarse sand):six graded stone aggregate 20mm (twenty milimetre) nominal size.	5.40	Cum			Per Cubic Metre	
3	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Light shade pigment using white cement.	83.25	Sqm			Per Square Metre	

4	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	6.12	Cum			Per Cubic Metre	
5	15mm cement plaster on rough side of single of half brick wall of mix 1:4 (1cement: 4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	12.00	Sqm			Per Square Metre	
						<b>Total</b>	

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



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,22,000.00	
NAME OF WORK :- Improvement and Widening Damachi to Bhad road under Sub- Division Junga. (SH :-						Earnest Money :- 5500.00	
Providing and laying of hot applied thermoplastic, rumble strips,informatory sign Board, brand grade Km. stone/local stone etc. ).						Time:- 60.00 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @ 250 gms per Sqm. Area thickness 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free streaks and holes as per MORD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all leads, lifts and all incidental charges.	100.00	No			Each.	
2	Reinforced cement concrete M - 15 brand grade Km. stone/local stone and standard design as per IRC -8 fixed in position including and printing etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	No			Each.	
3	Providing and fixing of semi reflective cautionary, mandatory and informatory sign board as per IRC:67 made of 1.5mm (One point five millimetre) thick M.S. sheet duly stove white colour in front and gray colour on back with red reflective border of 65mm (sixty five millimetre) width and required letters and figures with reflective tape engineering grade as per Clause 1701.3.9 of MORD for Rural Roads of required shade and colour supported and welded on 47mm x 47mmx12 SWG sheet tube firmly fixed to the ground by mean of properly designed foundations with M-15 grade cement concrete 450x450x 600mm, 600mm (four hundred fifty intofour hundred fifty into Six hundred milimetre), (six hundred milimetre) below ground level as per approved Clause 1701.2.2 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (800mm x 600mm (eight hundred x six hundred milimetre).	2.00	No			Each.	
4	Providing and fixing of retro-reflectorized cautionary, mandatory and informatory sign boards as per IRC-67 made of encapsulated lens type reflective sheeting vide Cause 1701.2.3 fixed over aluminium sheeting, 1.5mm thick supported on a mild steel angle iron post 75mm x 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450mmx450mmx600mm below ground level as per drawings and Technical Specification Clause 801 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600 x 600mm equilateral triangle	10.00	No			Each.	


Sl. No.	Description	Quantity	Unit	Rate	Amount
5	Providing and fixing of retro- reflectorized cautionary, mandatory and informatory sign as boards per IRC-67 made of encapsulated lens type reflective sheeting vide Cause 1701.2.3 fixed over aluminium sheeting, 1.5mm thick supported on G I pipe 50mm dia firmly fixed to the ground by means of properly designed foundation with M -15 grade cement concrete 450mmx450mmx600mm below ground level as per drawings and Technical Specification Clause 1701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 800mm x 600mm (rectangular).	10.00	No		Each.
					Total

Executive Engineer,  
Shimla Division No. 1,  
H.P.W.D Shimla-2



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,89,914.00	
NAME OF WORK:- Improvement & Widening on various road Dhalli Section(SH: Maintenance of Earthen Shoulder Maintenance of Drain, culvert, Trimming of Grass and white washing of Parapets Drain in between RD. Bhatta Kuffer Jawala Mandir Km.0/00 to 0/800 & Bhatta Kuffer to Koti road Km.0/00 to 6/885).						Earnest Money :- 9,800.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material/ Irregullarties on shoulders to the desion level by adding fresh approved slected soil and compacting it with appropoose equipment at OMC upto a lead of 1000 metre as per technical specification Clause 1603 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	9222.00	Sqm			Per Square Metre	
2	Trimming of Grass from the shoulders/Berms and disposing of the same to suitable location as per the technical specification 1914 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	15370.00	Sqm			Per Square Metre	
3	Mainteance of drain including erosion, reoar, cleaning, reshaping, regarding , deepening of side drain as well as per Technical specification Clause 1907 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	7685.00	Rmt			Per Running Metre	
4	Mainteance of Hume pipe culvert by way of cleaning, Erosion repair to cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	16.00	Nos			Each	
5	White washing two coats on parapets wall and tree trunks including preparation of surface by cleaning scraping etc. As per technical specification clause 115 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	4034.62	Sqm			Per Square Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 H.P.P.W.D Shimla-3.

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.  
 Name of Work :- Improvement and Widening Challanda to Piran road km 0/00 to 28/020 ( SH:-SH:-  
 Maintenance of Earthen Shoulder, Maintenance of Drain ,Trimming of Grass and White Washing of  
 Parapets Between RD 0/000 to 8/000).

Estimated Cost:- 378480.00

Earnest Money :- 7,600.00

Time:- 30 Days.


Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Maintenance of Earthen Shoulder ( Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with approproese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	10512.00	Sqm			Per Sqm Metre	
2	Trimming of Grass from the shoulders/Berms and disssposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	9360.00	Sqm			Per Sqm Metre	
3	Maintenabce of drain including erosion ,reoar ,cleaning ,reshaping ,regarding ,deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the direction of Engineere -in Charge.	5600.00	Rmt			Per Running Metre	
4	White washing Two Coats on Parapets walla and tree trunks including preparation of Surface by cleaning scraping etc. As per technical specification Clause 115 including carriage of materials with all leads and lifts as per the direction of Engineer -in Charge.	556.00	Sqm			Per Sqm Metre	
						<b>Total</b>	

Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION NO-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,99,749.00	
Name of Work :-Restoration of rain damages on Mashobra to Bhekhalty road km. 0/000 to 18/360 (						Earnest Money :- 10,000.00	
SH: C/O R/Wall at RD. 9/240 to 9/249 ).						Time:- 30 Days.	
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	44.96	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.670	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty millimetre) nominal size).	5.670	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty millimetre) nominal size).	99.09	Cum			Per Cubic Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	8.10	Cum			Per Cubic Metre	

6	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.00	Rmt			Per Runing - Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD SHIMLA




## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 98,606.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Sub-Division Shimla-9 (SH: Painting /Distempering, Cup board and minor repair work in Type-II set No.29 and Type-III set No.26 at Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG	27.00	Sqm			Per Square Metre	
2	Providing and fixing M.S. grills of required pattern in wooden frames of windows etc., with M.S. flats, square or round bars with round headed bolts and nuts or by screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Plain grill	24.30	Kg.			Per Kilo-gram	
3	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 40mm thick 2nd class deodar wood	0.530	Sqm			Per Square Metre	
4	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre	
5	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm			Per Square Metre	
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125mm	4.00	Nos			Each	
7	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 250x16mm	2.00	Nos			Each	

8	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each	
9	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each	
10	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	10.00	Nos			Each	
11	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.6	Sqm			Per Square Metre	
12	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	7.20	Sqm			Per Square Metre	
13	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
14	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
15	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)1st class Indian teak wood	10.00	Rmt			Per Running Metre	
16	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.80	Sqm			Per Square Metre	
17	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	100.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	100.00	Sqm			Per Square Metre	

18	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	20.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white	20.00	Sqm			Per Square Metre	
19	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	100.00	Sqm			Per Square Metre	
20	Extra for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	20.00	Sqm			Per Square Metre	
21	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	200.00	Sqm			Per Square Metre	
22	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
23	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
24	Providing and fixing PTMT Coloured/ white high density polyethylene / poly propylene 10 litres capacity (full flush) European standard control <b>low level flushing cistern with fittings</b> with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cist and closet (overflow) pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
25	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (A) White plastic seat and cover. CERA MAKE IVORY.	1.00	No			Each	

26	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1.  
 HP PWD Shimla-3.




## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 97,199.00	
Name of Work :- A/R & M/O various residence quarter under Kasumpti Sub-Division Shimla-9 (SH:						Earnest Money :- 2,000.00	
Providing and fixing Vitrified tiles in bed room and minor repair work in Type-III set No.66 at Brock Hurst Kasumpti Shimla-9).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling of wooden floors upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all leads (joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.50	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	2.45	Cum			Per Cubic Metre	
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre	
4	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	10.00	Cum			Per Cubic Metre	
5	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.50	Sqm			Per Square Metre	
6	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)2nd class Deodar wood.	0.05	Cum			Per Cubic Metre	
7	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (A) 40mm thick ( i )1st class Deodar wood	0.54	Sqm			Per Square Metre	

8	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick 2nd class deodar wood	0.54	Sqm			Per Square Metre	
9	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	20.00	Sqm			Per Square Metre	
10	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	20.00	Sqm			Per Square Metre	
11	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125mm	10.00	Nos			Each	
12	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm	10.00	Nos			Each	
13	Providing and fixing aluminum tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	10.00	Nos			Each	
14	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
15	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	10.00	Nos			Each	
16	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.16	Sqm			Per Square Metre	
17	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	2.16	Sqm			Per Square Metre	

18	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.16	Sqm			Per Square Metre	
19	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each	
20	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 1st class Indian teak wood	20.00	Rmt			Per Running Metre	
21	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.16	Sqm			Per Square Metre	
22	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:5:10 (one cement : five fine sand : ten graded stone aggregate 40 mm (forty millimetre) nominal size)	4.90	Cum			Per Cubic Metre	
	(ii) 1:3:6 (1 cement: three coarse sand): six graded stone aggregate 20mm (twenty millimetre) nominal size.	2.45	Cum			Per Cubic Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-5.

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 2,04,088.00

Name of Work :- A/R & M/O to various Type-III & Type - IV GAD at Parimehal Kasumpti Shimla -9 (SH:

Earnest Money :- 4,100.00

Providing and fixing Wall and floor tiles and vitrified tile , accessories etc. in Type-III Set no.72

Time:- Two months


(Parimehal section)

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (i) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	1.41	Cum			Per Cubic Metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	4.00	No			Per Each	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:3:6 (One cement : Three coarse sand) : six graded stone aggregate 20 mm ( Twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	3.94	Cum			Per Cubic Metre	
	(ii). P.C.C. grade M 20 (i) Nominal mix 1:2:4 (one cement: Two sand : four graded stone)	0.030	Cum			Per Cubic Metre	
4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.40	Sqm			Per Square Metre	
5	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve milimetre) thick bed of cement mortar 1:3 (One cement : three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight milimetre) thick	35.44	Sqm			Per Square Metre	



6	Providing and fixing 15mm mixer for kitchen sink with top/ bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No.			Each	
7	Providing and fixing one hole basin mixing Faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	nos.			Each	
8	Providing and fixing wall mixing faucet for shower and bath with overhead pipe (1210cm) and bath shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos.			Each	
9	Marble work (table rubbed and polished for walls lining) Veneer work 2.50cm. thick in cement mortar 1:3 (1 cement:3 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Baroda Green Marble .	2.39	Sqm			Per Square Metre	
10	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba. all complete as per the direction of Engineer-in charge. (i) Orissa pattern W.C Pan of size 580x440 mm	1.00	Nos			Each	
11	Distempering with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, ( Old work one or more coats) after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	173.15	Sqm			Per Square Metre	
12	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	173.15	Sqm			Per Square Metre	
13	Applying white cement based wall care putty of average thickness 1 mm over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	106.10	Sqm			Per Square Metre	
14	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	130.460	Sqm			Per Square Metre	
15	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 2nd class Deodar wood.	0.02	Cum			Per Cubic Metre	




16	Repair to plaster in patches of 2.50 square meter under and upto 10 to 15mm thick including cutting the patch in proper shape and re-plastering the surface of wall including disposal to the dumping ground with a lead of 10 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:5 (Cement:5sand).	19.46	Sqm			Per Square Metre	
17	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for reception of pipes and fitting. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
18	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggregate) (one or richer mix (i/c equivalent design mix).	2.53	Cum			Per Cubic Metre	
19	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand). jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 600x600mm (six hundred into six hundred millimetre)	51.77	Sqm			Per Square Metre	
20	Dismantling wooden boardings in lining of walls and partitions including frame work and stacking the materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Thickness above 10mm and upto 25 mm	51.77	Sqm			Per Square Metre	
21	Disposal of dismantled or demolished material upto approved by MC dumping site in all leads and lifts as per directions of the Engineer-in-Charge.	4.15	Cum			Per Cubic Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 IP PWD Shimla-3.

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 4,30,577.00	
NAME OF WORK:- Improvement and widening of Chotta Shimla to Panthaghatti road (SH: P/F Gratting and fencing work at RD. 0/270 to 0/295)							Earnest Money :- 8,700.00	
							Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1)1:2:4 (one cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	1.50	Cum			Per Cubic Metre		
2	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	3032.93	Kgs.			Per Kilo-gram.		
3	Providing and laying stone glazed pipe class SP1 with stiff mixture of cement mortar in the proportion of 1:1 fine sand including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.000	Rmt			Per Running Metre		
4	Providing and fixing one painted linear sheet (excluding the cost of fram work) complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 0.35mm thick sheet	29.28	Sqm			Per Sqare Metre		
5	Painting with synethic enamel paiant of approved brand and manufacture to give an even shade @ 2 or more coats on new work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	69.02	Sqm			Per Sqare Metre		
6	Providing and fixing G.I. pipes complete with G.I. fittings and clamps including cutting and making good the wall etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 25mm dia	9.00	Rmt			Per Running Metre		
	(ii) 50mm dia	12.00	Rmt			Per Running Metre		
7	Providing and fixing GI union cutting and threading the pipes and making long screws refilling the excavation and cutting and making good the same complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 25mm dia	3.00	Nos			Each		
	(ii) 50mm dia	4.00	Nos			Each		
8	Providing and fixing C.P. brass extension nipple (50x50mm) of approved quality including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each		


9	Providing and fixing metal gate valve with CI wheel of approved quality @ 25mm size including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.  





## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 28,800.00	
Name of Work :- A/A and M/O to various residence quarter under Kasumpti Shimla-9 (SH: Repair of Chamber in Cottage 1 to 4 at Brock Hurst Shimla-2).						Earnest Money :- 600.00	
						Time:- 15 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Constructing masonry Chamber 60x60x75cm inside, in brick work in cement mortar 1:4(1cement:4sand) for stop cock,with C.I. surface box 100x100x75mm(inside) with hinged cover fixed in cement concrete slab 1:2:4mix (1cement:2coarse sand:4 graded stone aggregate 20mm nominal size),i/c necessary excavation, foundation concrete 1:5:10 (1cement:5fine sand:10graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1cement:3coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design with common burnt clay F.P.S.(non modular) bricks of class designation 7.5. (With Cast iron weight 25- 30 Kg.).	4.00	No			Each	
						<b>Total</b>	

  
 Executive Engineer  
 Shimla Division No-I  
 HPPWD Shimla-171003

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost:-4,19,573.00	
Name of Work :- A/R & M/O SIHFV at Pari Mahal Kasumpti Shimla-9 (SH: Interior and exterior white washing, P.F wooden ceiling in office Building etc. of SIHFV under Parimahahal Section).							Earnest Money :- 8,400.00	
							Time:- 60 Days.	
Sr No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)One or more coats on old work	1261.60	Sqm			Per Square Metre		
2	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalied on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	338.84	Sqm			Per Square Metre		
3	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1235.80	Sqm			Per Square Metre		
4	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	494.32	Sqm			Per Square Metre		
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	1055.21	Sqm			Per Square Metre		
6	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Blow lamp.	245.41	Sqm			Per Square Metre		
7	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Cement Mortar 1:4 (1 Cement : 4 Sand)	19.50	Sqm			Per Square Metre		
8	Dubbing out an old irregular walls average 10mm thick with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)Cement mortar 1:5 (1 Cement : 5 Sand).	19.50	Sqm			Per Square Metre		
9	Providing and fixing chicken mesh in wall surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.50	Sqm			Per Square Metre		


1	Scaffolding in building side including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	208.00	Sqm			Per Square Metre	
11	etching-spirit polishing, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old works.	13.50	Sqm			Per Square Metre	
12	Renewing glass panes, with wooden fillets wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Float glass panes of nominal thickness 4mm (weight not less than 10Kg./Sqm)	1.80	Sqm			Per Square Metre	
13	Renewing glass panes and refixing existing wooden fillets including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Float glass panes of nominal thickness 4mm (weight not less than 10Kg./Sqm)	2.00	Sqm			Per Square Metre	
14	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 in all leads and lifts as per directions of the Engineer-in-charge.	0.18	Cum			Per Cubic Metre	
15	Providing and fixing wooden plank ceiling tongued and grooved each other jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st Class Deodar wood (i) 25mm thick	19.98	Sqm.			Per Square Metre	
16	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.020	Cum			Per Cubic Metre	
17	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 40mm thick i) 2nd Class Deodar Wood.	0.67	Sqm			Per Square Metre	
18	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 40mm thick 2nd class deodar wood	0.68	Sqm			Per Square Metre	
19	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 150x10mm	3.00	Nos			Each	
	(b) 200x10mm	3.00	Nos			Each	
20	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 125mm	3.00	Nos			Each	

21	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 200mm	6.00	Nos			Each	
22	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood).	28.27	Sqm			Per Square Metre	
23	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. (i) Two or more coats on new work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	28.27	Sqm			Per Square Metre	
24	Providing and fixing ISI marked Brass sliding door bolts with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300x16mm	1.00	No			Each	
25	Providing and fixing Brass handles, ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 125mm	2.00	Nos			Each	
26	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
27	Providing <b>caves board</b> 200mm x25mm, thick including fixing in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood.	3.00	Rmt			Per Running Metre	
28	Supplying and fixing new wooden fillets wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 2nd class teak wood.	12.00	Rmt			Per Running Metre	
29	Painting sculptures with enamel paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Sqm			Per Square Metre	
30	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	60.00	Kgs			Per Kilo-gram	
31	Providing and fixing ACP sheet in ceiling including GI frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6mm	3.00	Sqm			Per Square Metre	



32	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Water thinnable cement primer.	238.84	Sqm			Per Square Metre	
33	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90 mm dia.	2.00	Rmt			Per Running Metre	
	(b) 110 mm dia.	2.00	Rmt			Per Running Metre	
34	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 90 mm dia.	1.00	No			Each	
	(ii) 110 mm dia	1.00	No			Each	
35	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 90 mm dia.	1.00	No			Each	
	(ii) 110 mm dia	1.00	No			Each	
36	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 90 mm dia.	1.00	No			Each	
	(ii) 110 mm dia	1.00	No			Each	
37	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm dia.	1.00	No			Each	
38	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 110 mm X 90 mm.	1.00	No			Each	
39	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) For thickness of tiles 10 mm to 25 mm	2.88	Sqm			Per Square Metre	
40	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	0.22	Cum			Per Cubic Metre	
	(ii) 1:2:4 (1 Cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.01	Cum			Per Cubic Metre	

41	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Sqm			Per Square Metre	
42	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	2.88	Sqm			Per Square Metre	
43	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:6(One cement : six coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.62	Cum			Per Cubic Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

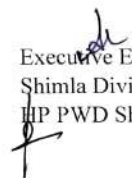
## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 3,34,574.00	
Name of Work :- A/R & M/O Hostel building of SIHFW at Parimahal, Kasumpti, Shimla-9 (SH: P/F Cup board, Painting, P/F curtain rod, accessories in cup board etc. in various rooms of SIHFW hostel under Parimahal Section).					Earnest Money :- 6,700.00	
					Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Applying one coat of water thinable cement primer of approved brand and manufacture on wall surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Water thinable cement primer.	2697.56		Rupees NIL Only	Per Square Metre	
2	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. (i) One or more coats on old work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	190.00		Rupees NIL Only	Per Square Metre	
3	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Cement Mortar 1:4 (1 Cement : 4 Sand)	32.50		Rupees NIL Only	Per Square Metre	
4	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.50		Rupees NIL Only	Per Square Metre	
5	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60		Rupees NIL Only	Per Square Metre	
6	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.20		Rupees NIL Only	Per Square Metre	
7	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	4.60		Rupees NIL Only	Per Square Metre	
8	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	17.00		Rupees NIL Only	Per Running Metre	
9	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	162.00		Rupees NIL Only	Each	

10	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 125mm	62.00	Nos			Each	
11	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 100x10mm	150.00	Nos			Each	
12	Providing and fixing oxidised M.S. hasp and staple (safety type) conforming to IS : 363 with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 115mm	150.00	Nos			Each	
13	Providing and fixing teak ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	5.00	Sqm			Per Square Metre	
14	Providing and fixing S.S. curtain rod with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	170.00	Rmt			Per Running Metre	
15	Providing and fixing S.S. bluster for curtain rod complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Nos			Each	
16	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood	1.80	Sqm			Per Square Metre	
17	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.22	Sqm			Per Square Metre	
18	Providing and applying Silicon (for water proofing) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	375.00	Sqm			Per Square Metre	
19	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	27.90	Sqm			Per Square Metre	




20	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	27.9	Sqm			Per Square Metre	
21	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	27.9	Sqm			Per Square Metre	
						<b>Total</b>	

  
 Executive Engineer,  
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## SCHEDULE OF QUANTITY

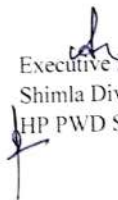
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,53,640.00	
Name of Work :- A/R & M/O to various type-III & IV GAD at Parimahal, Kasumpti-9 (SH: Providing and fixing chequered plate on parking for GAD colony in front of type-III set No.29 to 32 at Parimahal Shimla).						Earnest Money :- 9,100.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Chequered Plate 7mm thick (GAD parking)	3844.41	Kgs.			Per Kilo-gram.	
						Total	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,40,511.00	
Name of Work :- A/R & M/O to various residential qtrs Brock Hurst Kasumpti Shimla -9 (SH: Construction of						Earnest Money :- 2,800.00	
Garrage for type-V set No.12 at Kasumpti shimla-9).						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing Chequered sheet including cutting, hoisting fixing in position and welding to steel roof members and applying a coat of red lead primer complete (Base members of steel work shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	564.08	Kg.			Per Kilogram	
2	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	222.39	Kg.			Per Kilogram	
3	Painting two coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With white enamel paint	100.00	Sqm			Per Square Metre	
4	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing::1:3:6 (one cement : three coarse sand) : six graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Cum			Per Cubic Metre	
5	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 75 mm dia.	12.00	Rmt			Per Running Metre	
6	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts by all means & other incidentals. a) 75 (seventy five milimetre) mm dia	1.00	No			Each	
7	Providing and fixing 15cm wide, 45cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.84	Rmt			Per Running Metre	
8	Providing corrugated G.I. sheet roofing fixed with galvanized iron J or L hooks bolts and nuts 8mm dia meters with bitumen & G.I. limpet washers filed with white lead complete excluding the cost of purlins, rafters and trusses including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 0.63mm thick sheet.	19.88	Sqm			Per Square Metre	
9	Brick work using common burnt clay F.P.S (non modular) bricks of class designation 7.5 in super structure above plinth level upto floor V level in all shapes and sizes in including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Cement Mortar 1:4 (one cement four sand)	1.08	Cum			Per Cubic Metre	

10	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	8.66	Cum			Per Cubic Metre	
11	15mm cement plaster in single coat on rough side of brick/ concrete /stone walls for interior plastering up to all floor level heights i.e arises internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:4(1cement:4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	7.76	Sqm.			Per Square Metre	
12	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Chief.(i) 1:5:10 (one cement : five coarse sand) : ten graded stone aggregate 40 mm(forty milimetre) nominal size).	0.59	Cum			Per Cubic Metre	
13	Providing and fixing poly carbonated sheet 1.20mm thick in lining with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	5.25	Sqm			Per Square Metre	
						Total	

  
 Executive Engineer,  
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 HP PWD Shimla-3.



## SCHEDULE OF QUANTITY

<b>Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.</b>	<b>Estimated Cost:- 4,72,690.00</b>
<b>Name of Work :- A/R &amp; M/O to Below Pine set No.1 at Brock Hurst Shimla-2 (SH: Construction of toilet , Renovation of W.C./Bath, Vetrified tiles flooring in Ground floor room and PVC flooring and minor repair work in Below Pine set No.1 at Brock Hurst Shimla-2).</b>	<b>Earnest Money :- 9,500.00</b>
	<b>Time:- 60 Days.</b>

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or leaner mix (i/c equivalent design mix).	0.58	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out. construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	5.76	Cum			Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	2.59	Cum			Per Cubic Metre	
	(ii) 1:2:4 (1 cement:2 coarse sand:4graded stone aggregate 20mm nominal size)	2.12	Cum			Per Cubic Metre	
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.10	Cum			Per Cubic Metre	

5	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge, (i) 8 mm (eight milimetre) thick	22.68	Sqm			Per Square Metre	
6	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.41	Sqm			Per Square Metre	
7	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm (fifteen milimetre) nominal bore.	18.00	Rmt			Per Running Metre	
8	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	2.00	Nos			Each	
9	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 110 mm dia. b) 75 mm dia.	20.00	Rmt			Per Running Metre	
		6.00	Rmt			Per Running Metre	
10	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia b) 75 mm dia.	4.00	Nos			Each	
		4.00	Nos			Each	
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia b) 75 mm dia.	4.00	Nos			Each	
		4.00	Nos			Each	
12	Providing and fixing PVC (finolex) single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm nominal size :- (ii) 75 mm nominal size :-	2.00	Nos			Each	
		2.00	Nos			Each	

13	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge. (a) Cement Mortar 1:5:10 (1 cement:5sand:10 graded stone aggregate 40mm nominal size)	1.98	Cum			Per Cubic Metre	
14	15mm cement plaster in single coat on rough side of brick/ concrete /stone walls for interior plastering up to all floor level /heights i/c arises internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:4(1cement:4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	26.88	Sqm.			Per Square Metre	
15	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)2nd class Deodar wood.	0.0800	Cum			Per Cubic Metre	
16	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood.	2.52	Sqm			Per Square Metre	
17	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 40mm thick 2nd class deodar wood.	1.08	Sqm			Per Square Metre	
18	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm	1.00	No			Each	
19	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. ( a) 200x10mm	2.00	Nos			Each	
	b) 150x10mm	2.00	Nos			Each	
20	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	2.00	Nos			Each	
21	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.33	Cum			Per Cubic Metre	
22	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In grates, framed guards bars ladders, railing, brackets and similar work.	126.00	Kgs.			Per Kilo-gram.	
23	Providing and fixing wash basin with full pedestal constellation Model cat No.Wash Basin Delta and Pedestal Lotu set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	




24	Providing and fixing Over head shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess Cat No.OH-107A,	2.00	Nos			Each	
25	Providing and fixing angular stop cock 15mm without wall flang including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess Cat No.DE-04	12.00	Nos			Each	
26	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
27	Providing and fixing 600mmx450mm (six hundred into four hundred fifty milimetre) bevelled edge mirror of Superior glass mounted on 6mm thick A.C. sheet or Ply wood sheet and fixed to wooden Plugs with C.P. Brass Screws and Washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
28	Providing and fixing PVC waste pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 32mm dia	2.00	Nos			Each	
29	Providing and fixing single lever basin mixer extended body without pop up waste system with 450mm long flexible hose including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <b>make essess cat. No.DE-24.</b>	2.00	Nos			Each	
30	Providing and fixing wall mixer with providing for over head shower with 190mm long bend pipe and wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <b>Make essess cate No.DE-10</b>	2.00	Nos			Each	
31	Providing and fixing Health faucet with pipe and hooke <b>make essess cat. No.HS-232Y Pura lite HF</b> including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2	Nos			Each	
32	Providing and fixing Chromium plated brass soap dish with C.P. brass brackets fixed to wooden plug with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <b>Make cera cat No.AC703.</b>	4.00	Nos			Each	
33	Providing and fixing C.P Brass towel ring complete fixed to wooden plugs with C.P brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <b>make essess cat No.AC-702.</b>	3	Nos			Each	
34	Providing and fixing 15mm (fifteen milimetre)Mixer for Kitchen Sink with top/Bottom Swinging Spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <b>make essess (Cat No.DE-12)</b>	1.00	No			Each	
35	Providing and fixing Bib cock including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat DE-02.	4.00	Nos			Each	
36	Providing and fixing C.P. Brass towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. <b>make ESSESS cat No.AC-701.</b>	2.00	Nos			Each	
37	Providing and fixing toilet paper holder including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i) C.P.Brass <b>make ESSESS cat No. AC-706</b>	2.00	Nos			Each	



38	Providing and fixing plastic seat (Solid/ Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I. Solid type (a) White plastic seat and cover CERA MAKE DELUX.	2.00	Nos			Each	
39	Providing and fixing vitreous China wash down, water closet(DUROPEAN Type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (cement:sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (CONVENTIONAL CERA)	2.00	Nos			Each	
40	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity ( full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (CERA MAKE CARRIETWIN FLUSH CISTERN)	2.00	Nos			Each	
41	Providing and fixing C.P. grating including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each	
42	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	50.00	Sqm			Per Square Metre	
43	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm			Per Square Metre	
44	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.48	Sqm			Per Square Metre	
45	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	15.00	Sqm			Per Square Metre	
46	Providing and fixing 1.50mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE I.G	10.00	Sqm			Per Square Metre	

47	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)Blow lamp	100.00	Sqm.			Per Square Metre	
48	Painting one coat(excluding priming coat)on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. ( i)With white enenal paint.	250.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white.	150.00	Sqm.			Per Square Metre	
49	Extra over item No. 48 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)With white enenal paint	50.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white.	50.00	Sqm.			Per Square Metre	
50	Painting one coat (excluding priming coat) on previously painted steel and othermetal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)With white enamel paint.	100.00	Sqm.			Per Square Metre	
51	Extra over item No. 50 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint	50.00	Sqm.			Per Square Metre	
52	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlied on undecorated wall surfaces (two coats) to give an even shade and final finish after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
53	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	300.00	Sqm			Per Square Metre	
54	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign maters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm.			Per Square Metre	
55	Providing and fixing 20" Telescopic Runner for modular cup boards complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Pairs			Per pair	
56	Providingand fixing ACP sheet in aluminium door, window, ventilator shutters and partition etc. complete (cost of aluminium snap beading shall be paid in basic item) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.16	Sqm			Per Square Metre	

57	Providing and fixing G.I. wire mesh 85G or 0.56 dia wire in aluminium window, ventilator shutters etc. with PVC/neoprens gasket etc. complete as per architectural drawings and the direction of the Engineer-in-Charge (cost of aluminium snap beading shall be paid in basic item).	2.16	Sqm			Per Square Metre	
58	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 300/450mm length (i) 15mm nominal bore.	15.00	Nos.			Each	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

## SCHEDULE OF QUANTITY

**Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.**

**Estimated Cost:- 96,225.00**

**Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Painting/  
Distempering work in Type-II set No.4,8 and Type-III set No.168 and various Vacation/due sets at Brock  
Hurst Kasumpti Shimla-9)**


**Earnest Money :- 2,000.00**

**Time:- 30 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	700.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	300.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	200.00	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	150.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	100.00	Sqm			Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	50.00	Sqm			Per Square Metre	
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	25.00	Sqm			Per Square Metre	



8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With a solution of 38 gms of copper acetate in a litre of soft water	20.00	Sqm			Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarried on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm			Per Square Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

## SCHEDULE OF QUANTITY

**Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.**

**Estimated Cost:- 99,400.00**

**Name of Work :- A/R & M/O to various residence quarter under Kasumpti Sub-Division Shimla-9 (SH: Painting /Distempering, Cup board and minor repair work in Cottage No.4 at Kasumpti Shimla-9).**


**Earnest Money :- 2,000.00**

**Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.02	Cum			Per Cubic Metre	
2	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws. 40mm (forty milimetre) thick. 2nd class Deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.35	Sqm			Per Square Metre	
3	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm (zero point five six milimetre) for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws. 40 mm (forty milimetre) thick (i) 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.53	Sqm			Per Square Metre	
4	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre	
5	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm			Per Square Metre	
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125mm	4.00	Nos			Each	
7	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm	2.00	Nos			Each	
8	Providing and fixing aluminum tower bolts (barrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each	

9	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each	
10	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	20.00	Nos			Each	
11	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.60	Sqm			Per Square Metre	
12	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	7.20	Sqm			Per Square Metre	
13	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
14	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
15	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 1st class Indian teak wood	10.00	Rmt			Per Running Metre	
16	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.80	Sqm			Per Square Metre	
17	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	200.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	200.00	Sqm			Per Square Metre	
18	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	100.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white	100.00	Sqm			Per Square Metre	
19	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	100.00	Sqm			Per Square Metre	

20	Extra for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm			Per Square Metre	
21	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	300.00	Sqm			Per Square Metre	
22	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
23	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	155.00	Sqm			Per Square Metre	
						<b>Total</b>	

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








## SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,141.00	
Name of Work :- A/R & M/O to various residential Qtrs. under Kasumpti Shimla-9 (SH: PVC and Unitex flooring in Type-V set zno.11 and Cottage No.12 at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG	89.95	Sqm			Per Square Metre	
2	Providing and fixing non woven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm thickness and 900grams weight per square metre laid on floor with approved adhesive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.60	Sqm			Per Square Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 1,59,916.00	
Name of Work :- A/R & M.O to various residence quarter under Kasumpti sub Division Shimla-9 (SH:Covering of water tanks and Fixing of Jaffin in Cottage No 13 at Brock Hurst Kasumpti Shimla).							Earnest Money :- 3,200.00	
							Time:- 30 Days.	
Sr. No	Description of Work - Item (S)	No of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Refixing on terrace at all floor levels polyethylene water storage tank, IS 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fittings and the base support for tank including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Labour rate)	2000.00	Ltr.			Per Ltr		
2	Providing and fixing in trenches, galvanized mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Rmt			Per Running Metre		
	(a) 15 millimeters nominal bore							
	(b) 25 millimeters nominal bore	10.00	Rmt			Per Running Metre		
3	Providing and fixing G.I. M.U. Union of following sizes (where not included in the items) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	4.00	Nos			Each		
	(a) 1.5mm							
	(b) 2.5mm	4.00	Nos			Each		
4	Providing and fixing brass full way valve with wheel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15 millimeters (Fifteen millimeters) nominal bore	2.00	Nos			Each		
5	Steel work welded in built up sections, trusses and framed work including cutting hoisting, fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1065.00	Kgs.			Per Kilo-gram		
	(a) In gratings, framed guards bars, ladders, railing, brackets and similar work.							
6	Supporting and fixing Welding mesh to wood or steel members in partitions etc. Weight exceeding 3 Kg. and not exceeding 5 Kg. per Sqm. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00	Sqm			Per Square Metre		
7	Providing ridges or hips 60 cm over all in plain G.I. sheet with galvanised iron J or L hooks both ends and 8mm dia G.I. Linpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Rmt			Per Running Metre		
	(a) 0.3 mm thick sheet							
8	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal) - cc road, complete excluding cost of form work, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.28	Cum			Per Cubic Metre		

9	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to	4.28	Cum			Per Cubic Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

## SCHEDULE OF QUANTITY

**Tender Inviting Authority :** EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.


**Estimated Cost:-** 4,74,840

**Name of Work :** Improvement /Widening Rajhana to Bird Colony road Km 0/00 to 1/300.(SH:- C/O R/Wall and Parapets in Rd 0/515 to 0/533).

**Earnest Money :-** 9,500.00

**Time:-** 30 Days.

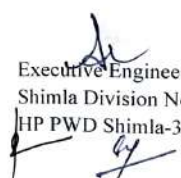
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated In figures	Rate In words	Unit	Amount
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	31.50	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:3:6(One cement:Three sand: Six graded stone agg. 40mm (forty millimetre) nominal size).	88.29	Cum			Per Cubic Metre	
3	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	17.28	Cum			Per Cubic Metre	
4	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	36.00	Rmt			Per Runing Metre	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,109.00	
NAME OF WORK:-A/R & M/O to MRR via Chotta Shimla road (SH: Dismantling & Re-erection of M.S. Steel channel and M.S. Railing in various RDs.).						Earnest Money :- 2,000.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by manual means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.10	Cum			Per Cubic Metre	
2	Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundation and plinth	4.03	Cum			Per Cubic Metre	
3	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) In gratings , framed guard bars, ladders, railing, brackets and similar works. (Labour rate)	1375.95	Kg.			Per Kilo-gram	
						<b>Total</b>	

  
 Executive Engineer,  
 Shimla Division No.1,  
 HP PWD Shimla-3.

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 214140.00

Name of Work :- Improvement and Widening Challanda to Piran road km 0/00 to 28/020 ( SH:-SH:-  
Maintenance of Earthen Shoulder, Maintenance of Drain ,Trimming of Grass Between RD 8/000 to

Earnest Money :- 4,300.00

Time:- 15 Days.

14/000).

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Maintenance of Earthen Shoulder ( Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with approproese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	6132.00	Sqm			Per Sqm Metre	
2	Trimming of Grass from the shoulders/Berms and disposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	5460.00	Sqm			Per Sqm Metre	
3	Maintenabce of drain including erosion ,reoar ,cleaning ,reshaping ,regarding deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the direction of Engineere -in Charge.	3700.00	Rmt			Per Running Metre	
						<b>Total</b>	


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

# SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.  
 Name of Work :- Improvement of Old Kasumpti Junga road Km 0/00 to 11/000 ( SH:- C/O"U" shape drain and P/F grating in Km 0/150 to 0/210).

Estimated Cost:- 475741.00  
 Earnest Money :-9,600.00  
 Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks.(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.90	Cum			Per Cubic Metre	
2	Providing and laying cement concrete grade M-10 (Ten) nominal mix 1:3:6(One cement:three sand:six graded crushed stone aggregate 40mm (forty millimetre) nominal size) mechanically mixed and vibrated in open foundation complete as per drawing and MORD technical specification clause 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.70	Cum			Per Cubic Metre	
3	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, framed guards bars ladders, railing, brackets and similar work.	3835.20	Kg			Per Kilogramme	
						<b>Total</b>	<b>0.00</b>

  
 Executive Engineer,  
 Shimla Division No.1,  
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DRAFT SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,46,838.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Kasumpti Shimla-9 (SH: Providing and fixing Polycarbonated and Chequered sheet House No.2 First Floor at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 3,000.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing chequered sheet welded in built up sections/framed work, including cutting, hoisting fixing in position and applying a priming coat of approved steel primer structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	466.80	Kgs.			Per Kilogram	
2	Providing and fixing polycarbonated sheet 1.20mm thick in lining with galvanised self driven screws complete with all accessories including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	37.20	Sqm.			Per Square Metre	
3	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board. Facia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	6.25	Sqm			Per Square Metre	
4	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 0 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charge.	11.20	Rmt			Per Running Metre	
5	Providing valleys of 90cm wide over all in plain G.S. sheet 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 in all leads and lifts as per directions of the Engineer-in-Charge.	5.40	Rmt			Per Running Metre	
						<b>Total</b>	

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



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 226043.00				
Name of Work :-Improvement of Curve on Kufri Chail road Km 0/00 to 25/000.( SH:-Widening of Curve between Rd 1/855 to 1/975).					Earnest Money :- 4,600.00				
					Time:- 30 Days.				
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for 77.78 Cum @ 300/-(Three hundred only ) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	777.85	Cum			Per Cubic Metre			
								Total	


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

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.  
 Name of Work :-Improvement of Curve on Kufri Chail Road Km 0/00 to 25/000.( SH:-Widening of  
 Curve between Rd 23/030 to 23/055).

Estimated Cost:- 265463.00  
 Earnest Money :- 5,300.00  
 Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site, according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	913.50	Cum			Per Cubic Metre	
						<b>Total</b>	

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