

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 80636-37 Dated:- 23/3/22

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 16th 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 4th 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:-

31-03-2022 upto 4:00 PM
01-04-2022 upto 4:00 PM
02-04-2022 up to 10:30 AM
02-04-2022 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
		308578/-	6200/-	350/-	60 days	Class-D
1	A/R & M/O to various qtr under Kasumpti sub Division Shimla-9 (SH;- Providing and fixing cup board , PVC flooring work in type-IV set No.1,26 and 4 at Brock Hurst Shimla).	348292/-	7000/-	350/-	30 days	Class-D
2	Digging on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH;- C/O R/wall between km. 20/310 to 20/325)(Against road Digging).	147973/-	3000/-	350/-	60 days	Class-D
3	A/R & M/O to various residence quarter type-I to VI at Kasumpti Shimla-9 (SH;- Providing and laying 9mm thick ply & PVC flooring in type-IV set no. 29 at Kasumpti Shimla-9).	98363/-	2000/-	350/-	60 days	Class-D
4	A/R & M/O to various residence quarter at Brock Hurst Shimla (SH;- Supplying of Curtain in House no.3 Ground floor and Type-III set no.79 at Brock Hurst).	174056/-	3500/-	350/-	60 days	Class-D
5	A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH;- Renovation of Toilet in type-V set No.12 at Kasumpti Shimla-9).	292636/-	5900/-	350/-	30 days	Class-D
6	Improvement and widening of road on Mashora to Bhakhlaity road km. 0/00 to 18/360 (SH;- C/O R/wall at RD. 0/900 to 0/907).	448033/-	9000/-	350/-	30 days	Class-D
7	Improvement and widening of road on Mashora to Bhakhlaity road km. 0/00 to 18/360 (SH;- C/O R/wall at RD. 8/750 to 8/762.50).	149940/-	350/-	350/-	60 days	Class-D
8	A/R & M/O to various residential qtrs at Kasumpti Shimla-9 (SH;- Renovation of toilet painting ,Distempering and minor repair work in type-IV set no. 29 at Kasumpti Shimla-9).	140000/-	2800/-	350/-	30 days	Class-D
9	A/R & M/O to type-VI set No.7 at Kasumpti Shimla-9 (SH;- P/F of curtain in type-VI set no.7).	99905/-	2000/-	350/-	30 days	Class-D
10	A/R & M/O to various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Supplying and fixing zebra blind in type-VI set No.1 at Kasumpti Shimla-9).	208868/-	4200/-	350/-	30 days	Class-D
11	A/R & M/o type-I,II,III Qtrs under Kasumpti Sub-Division (SH;- Providing and laying G-I,G-II and G-III at various scattered RDs on various under Kasumpti Sub Division).	399526/-	8000/-	350/-	30 days	Class-D
12	A/R & M/O to various residence qtr at Brock Hurst Shimla (SH;- Providing and fixing steel jafri polycarbonate sheet and minor repair work in House no.1 type-VIII at Brock Hurst Shimla).	274194/-	5500/-	350/-	60 days	Class-D
13	A/R & M/O of Director of Health services , Block No.5 SDA complex Kasumpti Shimla-9 (SH;- P/L of New sewer line, c/O manholes & white washing/ Distempering etc in various rooms for office building of Directorate Health services Kasumpti).	84637/-	1700/-	350/-	30 days	Class-D
14	A/R & M/O various residence quarter at Kasumpti Shimla-9 (SH;- Repair of Corrugated G.S. sheet roofing and Sanitary fixers in type-VI set no.17 and Type-IV set O.38 Kasumpti Shimla-9).	411876/-	8300/-	350/-	60 days	Class-D
15	Improvement & wideing on MRR via Lakkar Bazar km. 147/825 to 153/075 (SH;- C/O R/wall at RD. 151/150 to 151/160).	227112/-	4600/-	350/-	60 days	Class-D
16	A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH;- Providing and fixing cup board in type-III set no.156 & IV set no.25, Ceiling in type-IV 25 at Kasumpti Shimla-9).	182489/-	3700/-	350/-	30 days	Class-D
17	A/R & M/O to Type-I to VI Qtrs at Mehli Kasumpti Shimla (SH;- Painting and Distempering (Out side) Type-I Block M1 and M2 Block Mehli Kasumpti Shimla).	98947/-	2000/-	350/-	30 days	Class-D
18	A/R & M/O various residential quarter at Brock Hurst Shimla-2 (SH;- Providing and fixing interlocking paver blocks in approach road to Cottage No.14 at Brock Hurst Shimla-2).	470040/-	9500/-	350/-	30 days	Class-D
19	A/R & M/O to type-I,II & IV at Kasumpti Shimla-9 (SH;- P/L Chequered tiles in compound the Building and passage type-I,II & IV Kasumpti Shimla-9).	175032/-	3500/-	350/-	30 days	Class-D
20	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH;- C/O B/wall at Rd. 18/160 to 18/170).	99400/-	2000/-	350/-	30 days	Class-D
21	Construction of Cheog Bye pass road km. 0/00 to 0/180 (SH;- Geo-technical investigation).	390601/-	7900/-	350/-	60 days	Class-D
22	A/R & M/O to various residential Qtrs at Brock Hurst Shimla (SH;- Alteration &					

	Repair work in Gallery of Cottage No.2,5,6 & 7 at Below pine Brock Hrurst Shimla-9).					
23	Improvement of Black spots on Shimla Mandi road km. 6/00 to 22/00 (SH:- Providing and fixing of aluminum Cateyes in km. 6/00 to 22/00).	99550/-	2000/-	350/-	30 days	Class-D
24	Improvement of Black spots on MRR via Chotta Shimla road km. 145/00 to 156/640 (SH;- Providing and fixing of aluminium Cateyes in km. 152/00 to 154/350 in various locations).	99550/-	2000/-	350/-	30 days	Class-D
25	Improvement & Widening on Baldeyani to Dharampur road km. 0/00 to 10/000 (SH:- Widening of curves at various RDs).	499616/-	10000/-	350/-	15 days	Class-D
26	Improvement and widening Shimla Mandi road to Hipa km. 0/00 to 0/100 (SH:- Providing and fixing "W" Metal Beam crash barrier ,painting & plastering work etc).	450480/-	9100/-	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/21-22-
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 :-

23-3-2022

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,08,578.00	
Name of Work :- A/R & M/O to various qtr. under Kasumpti Sub Division Shimla-9 (SH: Providing and fixing Cup board, PVC flooring work in Type-IV Set No.1 ,26 and 4 at Brock Hurst Shimla-9).						Earnest Money :- 6,200.00	
						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 1.50mm(One point five zero milimetre) 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	66.01	Sqm			Per Square Metre	
2	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1st class indian teak wood	10.00	Rmt			Per Running Metre	
3	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) 125 mm(One hundred twenty five milimetre)	4.00	Nos			Each	
4	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 (two hundred fifty into sixteen milimetre)	2.00	Nos			Each	
5	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	
6	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	Nos			Each	
7	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) 100 mm	60.00	Nos			Each	
8	Providing and fixing 19mm (Nineteen milimetre) 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.	32.40	Sqm			Per Square Metre	
9	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 (six milimetre) thick.	57.60	Sqm			Per Square Metre	
10	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.	28.80	Sqm			Per Square Metre	
11	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.	60.00	Nos			Each	

12	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen millimetre into six millimetre) section including 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	150.00	Rmt			Per Running Metre	
13	Providing and fixing 1.00mm (One point zero millimetre) 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.	28.80	Sqm			Per Square Metre	
14	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	
15	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	
16	Providing and fixing Ply wood lining with butt jointing and wood screws or 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) 9 mm (nine millimetre) thick.	66.01	Sqm			Per Square Metre	
17	Providing and fixing 4mm thick teak ply of standard quality and of approved shade & design wall lining including fixing with approved adhesive, butt jointing and nails & screws complete (Base frame work to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.32	Sqm.			Per Square Metre	
18	Providing and fixing plastic bubble water proof sheet for moisture proof complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.20	Sqm			Per Square 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:- 3,48,292.00

Name of Work :- Restoration of road Digging on Shoghi Mehli Junga Sadhupul road Km 12/3758 to 48/925). (SH: C/O R/Wall between Km. 20/310 to 20/325).(Against road Digging).

Earnest Money :- 7,000.00


Time:- 30 Days.

Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
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.	6.30	Cum			Per Cubic Metre	
2	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 1:5:10 (One cement: five sand: Ten graded stone agg 40mm (forty millimetre) nominal size).	6.30	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 1:4:8 (One cement: Four sand: Eight graded stone agg 20mm (twenty millimetre) nominal size).	70.05	Cum			Per Cubic Metre	
4	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.	2.10	Cum			Per Cubic Metre	
5	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 Running 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:- 1,47,973.00	
Name of Work :- A/R & M/O to various residence quarter type-I to VI at Kasumpti Shimla-9 (SH: Providing and laying 9mm thick ply & PVC flooring in type-IV set No.29 at 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 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) 9mm thick.	72.14	Sqm			Per Square Metre	
2	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.	93.68	Sqm			Per Square 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:- 98,363.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst (SH: Supplying of Curtain in House No.3 Ground floor and Type-III set No.79 at Brock Hurst).						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 cotton of superior quality fabrics of standard width 48" of approved design and shade with stain lining of superior quality fabric with specified length and width including stitching tape and curtain rings etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Stitched length. (i) 2.00 mtr. to 2.50mtr.	15.00	Nos			Each	
	(ii) 2.51mtr. To 3.00mtr.	14.00	Nos			Each	
2	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.	29.40	Sqm			Per Square Metre	
3	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) 9mm thick.	29.40	Sqm			Per Square 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:- 1,74,056.00	
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Renovation of Toilet in						Earnest Money :- 3,500.00	
Type-V set No.12 at 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 tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials within 20 mtrs.(Twenty metres)lead (wooden/concrete 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. (a) For thickness of tiles upto 25mm(Twenty milimetre)	34.97	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	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.	0.18	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.14	Cum			Per Cubic Metre	
5	Taking out existing wooden door shutter, repair by cutting painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with serfews etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
6	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
7	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 (fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
8	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	

9	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.	1.75	Cum			Per Cubic Metre	
10	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS-12894, in super structure above plinth and upto floor V level. (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.	12.24	Sqm			Per Square Metre	
11	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.	0.41	Cum			Per Cubic Metre	
12	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	23.51	Sqm			Per Square Metre	
13	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.	8.16	Sqm			Per Square Metre	
14	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 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.(i) Size of tile 600x600mm (six hundred into six hundred milimetre)	4.51	Sqm			Per Square Metre	

15	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	
16	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 75mm nominal diameter	4.00	Nos			Each	
17	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.	20.00	Rmt			Per Running Metre	
	(b) 75mm dia	10.00	Rmt			Per Running Metre	
18	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.	4.00	Nos			Each	
	(b) 75mm dia	4.00	Nos			Each	
19	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) 110mm dia	4.00	Nos			Each	
20	Providing and fixing single lever basin mixer without pop up waste system with 450mm long flexible house DE-21 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
21	Providing and fixing Pillar cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat DE-01.	1.00	Nos			Each	
22	Providing and fixing Bib cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat DE-02.	2.00	Nos			Each	
23	Providing and fixing wall mixer with provision for over head shower with 140mm long bend pipe & wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.DE-10N	2.00	Nos			Each	
24	Providing and fixing angular stop cock 15mm without wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.DE-04.	1.00	No			Each	
25	Providing and fixing Health faucet with pipe and hooke including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.C-232Y Pura lite HF.	2.00	Nos			Each	

26	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. Make cat No.AC703.	4.00	Nos			Each	
27	Providing and fixing C.P. brass Towel ring complete fixed wooden plug with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make cat No.AC-702	2.00	Nos			Each	
28	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. Make cat No.AC-701.	2.00	Nos			Each	
29	Providing and fixing CP Grating for floor and drain trap complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00	Nos			Each	
30	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 (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. One piece OPC Floor single piece-WC 2205 with its seat cover and all accessories. Hindware.	2.00	Nos			Each	
31	Providing and fixing PVC connection pipes with brass union complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 45cms long (i) 15mm nominal bore	8.00	Nos			Each	
32	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin Cleo and Pedestal Lotus set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
33	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin Delta and Pedestal Lotus set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
34	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin corner set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
35	Providing and fixing Over head shower with arm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make cat No.OH-107A	2.00	No			Each	
36	Providing and fixing angle cock 15mm without wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.Make cat No.PR-112B.	12.00	Nos			Each	
37	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	

38	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
39	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charges. (i)32 mm (thirty two Milimetre)dia	2.00	Nos			Each	
40	Providing & fixing 32 mm(thirty two Milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charges.	2.00	Nos			Each	
41	Providing and fixing Viking Glass corner 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-Charges. Make Viking.	2.00	Nos			Each	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,92,636.00	
Name of Work :-Improvement and widening of road on Mashobra to Bhakhali road Km 0/00 to 18/360 (SH: C/O R/Wall at RD. 0/900 to 0/907).						Earnest Money :- 5,900.00	
						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.	15.40	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.	30.030	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).	4.620	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).	54.81	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.	6.3	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.	29.50	Rmt			Per Runing Metre	
						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:- 4,48,033.00	
Name of Work :-Improvement and widening of road on Mashobra to Bhakhali road Km 0/00 to 18/360 (SH: C/O R/Wall at RD. 8/750 to 8/762.50).						Earnest Money :- 9,000.00	
						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.	24.82	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culverts, 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 milimetre) 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.	23.14	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 milimetre) nominal size).	8.95	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 milimetre) nominal size).	85.72	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.	20.00	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.	5.33	Rmt			Per Running Metre
						Total


 Executive Engineer,
 Shimla Division No.1,
 HP BWD SHIMLA-3

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,49,940.00	
Name of Work :- A/R & M/O to various residential Qtrs. at kasumpti Shimla-9 (SH: Renovation of Toilet, Painting, Distempering and minor repair work in Type-IV set No.29 at 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	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.	190.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white	50.00	Sqm			Per Square Metre	
2	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.	80.00	Sqm			Per Square Metre	
3	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 (i) With white enamel paint	50.00	Sqm			Per Square Metre	
4	Extra over item No. 3 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 enamel paint	25.00	Sqm			Per Square Metre	
5	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	
6	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.	150.00	Sqm			Per Square Metre	
7	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.	150.00	Sqm			Per Square Metre	

8	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) 9mm thick.	5.00	Sqm			Per Square Metre	
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	Nos			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.	18.00	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.	8.64	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.	14.40	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.	10.00	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 deodar wood	40.00	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.	8.64	Sqm			Per Square Metre	


17	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.	2.00	No			Each	
18	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.	2.00	No			Each	
19	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	2.00	No			Each	
20	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete 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. (a) For thickness of tiles upto 25mm	15.00	Sqm			Per Square Metre	
21	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).	2.00	Cum			Per Cubic Metre	
22	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.	2.00	Cum			Per Cubic Metre	
23	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.	12.00	Sqm			Per Square Metre	

24	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (heavy grade) tube fitting 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 nominal bore	11.00	Rmt			Per Running Metre	
25	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making good the wall and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 75mm nominal diameter.	3.00	Nos			Each	
26	Providing and fixing ISI marked high pressure PVC spigot and socket, waste and ventilating pipes 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) 110mm dia.	15.00	Rmt			Per Running Metre	
	(b) 75mm dia	15.00	Rmt			Per Running Metre	
27	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) 110mm dia	4.00	Nos			Each	
	(b) 75mm dia	4.00	Nos			Each	
28	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) 110mm dia	4.00	No			Each	
						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:- 1,40,000.00	
Name of Work :- A/R & M/O to Type-VI set No.7 at Kasumpti Shimla-9 (SH: P/F of curtain in Type -VI set No.7).						Earnest Money :- 2,800.00	
						Time:- One month	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing curtain cloth superior jakard silk/G.M./D-Décor cloth with tape stitching with lining cloth different shade and colours of following sizes including carriage of materials in all leads and lifts as per directions of the Engineer in-Charge. (i) Curtain 2.5Mtr. to 2.75Mtr. height	56.00	Nos			Each	
						Total	


 Executive Engineer,
 Shimla Division No.I,
 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.

Estimated Cost:-99,905.00

Name of Work :- A/R & M/O to various residential qtrs. Type-I to VI at Kasumpti Shimla-9 (SH: Supplying and fixing of zebra blind in type-VI set No.1 at 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 Zebra Blinds of superior quality in all shade and colour of approved sample and heavy quality top rail complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	26.50	Sqm			Per Square 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:- 2,08,868.00		
NAME OF WORK :- A/R & M/O Type-I,II,III Qtrs. under Kasumpti Sub-Division (SH: Providing and laying G-I, G-II and G-III at various scattered RDs. on various under Kasumpti Sub-Division).					Earnest Money :- 4,200.00		
					Time:- One Month		
Sl. No.	Description of Work / Item (S)	No. of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening, binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 1 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per direction of the Engineer-in-Charge. (a) By Manual Means	55.00	Cum			Per Cubic Metre	
2	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening, binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) By Manual Means	30.94	Cum			Per Cubic Metre	
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 3 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)By Manual Means	8.44	Cum			Per Cubic Metre	
4	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 Kg./Sq.m using mechanical means as per Technical Specification Clause 502 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	112.50	Sqm			Per Square Metre	
						Total	

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.						Estimated Cost:- 3,99,526.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Providing and fixing Steel Jafri, Polycarbonate sheet and minor repair work in House No.4 Type-VIII at Brock Hurst)						Earnest Money :- 4 000.00	
						Time:- One Month.	
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/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1918.08	Kg.			Per Kilogram	
2	Providing and fixing polycarbonated transparent sheet 2mm (two milimetre) 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.	81.00	Sqm.			Per Square 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:- 2,74,194.00
Name of Work :- A/R & M/O of Directorate of Health Services, Block No.5, SDA Complex, Kasumpti, Shimla-9 (SH: P/L of New Sewer line, C/O manholes & White washing/ Distempering etc. In various rooms for office building of Directorate Health Services, Kasumpti).	Earnest Money :- 5,500.00
	Time:- 60 Days.

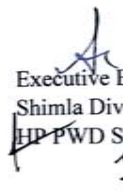
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolition below G.L. upto 1.50Metres depth and disposal of unserviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Un-reinforced cement concrete upto 15 cm. Thickness	1.95	Cum			Per Cubic Metre	
2	Excavation in foundation trenches in all heights and depths in all kinds of soil including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling wedging out of rock (where blasting is prohibited) and their intermediate classification of soil including, dewatering wherever required, setting out to 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 un- useful material and transportation of the un -useful material for disposing at dumping site (to be arranged by the contractor) including payment of prescribed charges of dumping to be borne by the contractor to the 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 and handed over to the department free of cost to the maximum possible extent in all leads and lifts through all modes of transportation and used/removed as per the direction of Engineer-in-Charge. serviceable stones to be handed over to the department free of cost. Any loss to the public and private property 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.	17.80	Cum			Per Cubic Metre	
3	Constructing manhole with R.C.C. top slab in 1:2:4 mix (one cement : two sand : four graded stone aggregate 20mm(twenty milimetre) nominal size), foundation concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40 mm(forty milimetre) nominal size), inside plastering 15mm (fifteen milimetre)thick with cement mortar 1:3 (one cement : three sand) and finished with floating coat of neat cement and making channels in cement concrete 1:2:4 mix (one cement : two sand : four graded stone aggregate 20mm(twenty milimetre) nominal size) finished smooth complete including curing and testing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Inside size 800mmx800mm and 500mm(eight hundred milimetre into eight hundred milimetre and five hundred milimetre) deep including precast reinforced Cement concrete manhole Cover (Medium Duty) with frame 600 mm (six hundred milimetre) dia :-(i) with 200mm (two hundred milimetre) thick walls of brick masonry using common burnt clay building bricks in cement mortar 1:3 (one cement : three sand) :-	3.00	Nos			Each	
4	Extra over item No.3 for every additional depth of 0.10metre or part thereof of manhole including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) From 0.5 metre upto 1.0 metre depth (a) With common burnt clay F>p.S. (non modular) bricks of class designation 7.5	0.80	addition al depth of 0.10 metre			Per additional depth of 0.10 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. (i) 110 mm dia.	33.00	Rmt			Per Running Metre	
	(ii) 110 mm dia.	38.00	Rmt			Per Running Metre	
	(iii) 150mm dia	30.00	Rmt			Per Running Metre	
6	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm (three milimetre) thick bolts and nuts complete 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.	2.00	Nos			Each	
	(ii) 110 mm dia.	2.00	Nos			Each	
	(iii) 150mm dia	2.00	Nos			Each	
7	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 90 mm dia.	2.00	Nos			Each	
	(ii) 110 mm dia.	5.00	Nos			Each	
	(iii) 150mm dia	5.00	Nos			Each	
8	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.	2.00	Nos			Each	
	(ii) 110 mm dia.	2.00	Nos			Each	
	(iii) 150mm dia	2.00	Nos			Each	

9	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.	2.00	Nos			Each	
	(ii) 110 mm dia.	5.00	Nos			Each	
	(iii) 150mm dia	2.00	Nos			Each	
10	Providing and fixing PVC offset 45 degree 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.	5.00	Nos			Each	
	(iii) 150mm dia	5.00	Nos			Each	
11	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 90mm dia	10.00	Nos			Each	
	(ii) 110mm dia	10.00	Nos			Each	
	(iii) 150mm dia	5.00	Nos			Each	
12	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) 90mm dia	10.00	Nos			Each	
	(ii) 110mm dia	10.00	Nos			Each	
	(iii) 150mm dia	10.00	Nos			Each	
13	Providing and fixing stoneware gully trap grade 'A' complete with C.I grating, brick masonry chamber in cement mortar 1:5 and water tight C. I. cover with frame of 300mmx300mm size (inside) the weight of cover to be not less than 4.53kg and frame to be not less than 2.72kg. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Square Mouth Traps (i) 100mmx 100mm size P type.	2.00	Nos			Each	

14	Providing under layer for plinth protection of 75mm thick (unconsolidated) bed dry brick/ stone aggregated 40mm nominals size with rammed and consolidated and grouted with fine sand including preparation of ground including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.00	Sqm			Per Square Metre	
15	Providing and laying cement concrete 1:3:6 (one cement :three sand : six graded stone aggregate 20 mm (Twenty milimetre)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	0.98	Cum			Per Cubic Metre	
16	Providing and laying cement concrete 1:2:4 (one cement :two sand : four graded stone aggregate 20 mm (Twenty milimetre)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) Foundations, footing bases of columns and the like and mass concrete.	0.92	Sqm			Per Square Metre	
17	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. (Cement Mortar 1:4 (1 Cement : 4 Sand))	76.38	Sqm			Per Square Metre	
18	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with common burnt clay building bricks in cement mortar 1:5 (1 cement : 5 sand) C.I. Cover with frame (light duty) 355mm x 610mm internal dimensions total weight of cover with frame to be not less than 38kg (weight of cover 23 kg. and weight of frame 15kg) R.C.C top slab with 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) foundation concrete 1:5:10 (1cement : 5 sand : 10 graded stone aggregate 40mm nominal size) inside plaster 15mm thick with cement mortar 1:3 (1 cement : 3 sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Inside dimensions 455 mm x 610 mm x 450 mm deep single pipe line	1.00	Nos			Each	
19	Extra over item No.18 for every additional depth of 0.10 metre or part thereof beyond 450mm for brick masonry chamber including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) For 455mm x 610mm size.	0.50	Rmt			Per Running Metre	
20	Providing scaffolding for construction site including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	120.00	Sqm			Per Square Metre	
21	Dismantling old C.I. Pipes including excavaton and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 80 mm diameter C.I. pipe	17.50	Rmt			Per Running Metre	


	(i) 100 mm diameter C.I. pipe	17.50	Rmt			Per Running Metre	
22	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)	690.77	Sqm			Per Square Metre	
23	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.	693.77	Sqm			Per Square Metre	
24	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.	465.01	Sqm			Per Square Metre	
25	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	171.00	Sqm			Per Square Metre	
26	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 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.	50.00	Sqm			Per Square Metre	
27	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)	10.00	Sqm			Per Square Metre	
						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:-84,637.00	
Name of Work :-A/R & M/O various residence quarter at Kasumpti Shimla-9 (SH:Repair of Corrugated G.S. sheet roofing work and Sanitary fixers in Type-VI set No.17 and Type-IV set No.38 Kasumpti Shimla-9)						Earnest Money :- 1,700.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within all lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) CGI Sheet	42.00	Sqm			Per Square Metre	
2	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 0.63 mm thick with zinc coating not less than 275 gm/m ²	42.00	Sqm			Per Square Metre	
3	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 Cera cat No.AC 103.	3.00	Nos			Each	
4	Providing and fixing wash basin with full pedestal constellation including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Model cat No.Wash Basin Cleo and Pedestal Lotus set starwhite.	1.00	No			Each	
5	Providing and fixing liquid soap dispenser 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. Make viking.	1.00	No			Each	
6	Providing and fixing single lever basin mixer without pop - up waste system with 450mm long flexible house DE-21 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	

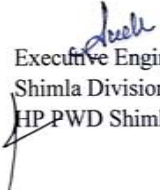
7	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalied on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	192.00	Sqm.			Per Square 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:- 4,11,876.00	
Name of Work :- Improvement & widening on M.R.R. via Lakkar Bazar KM.147/825 to 153/075 (SH: C/O						Earnest Money :- 8,300.00	
Retaining Wall at RD. 151/150 to 151/160).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 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 duly 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.	51.04	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge 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) 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. (i)All kinds of soil	24.64	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) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm (twenty millimetre) nominal size)	83.24	Cum			Per Cubic Metre	

4	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.	7.52	Cum			Per Cubic Metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	16.00	Rmt			Per Running 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:- 2,27,112.00
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Providing and fixing Cup board in Type-III set No.156 & IV set No.25, celing in type-IV 25 at Kasumpti Shimla-9).				Earnest Money :- 4,600.00
				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 19mm (Nineteen milimetre) 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.	48.17	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.	31.79	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.	40.58	Sqm			Per Square Metre	
4	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen milimetre into six milimetre) section including 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.	149.86	Rmt			Per Running Metre	
5	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.	22.15	Sqm			Per Square Metre	
	(b) 9mm thick	27.05	Sqm			Per Square Metre	
6	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	66.00	Nos			Each	

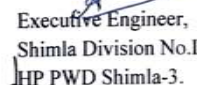
7	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	66.00	Nos			Each	
8	Providing wood work in frames of doors, linning and ceiling and other frames, wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Pine wood	0.06	Cum			Per Cubic Metre	
9	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.	129.13	Sqm			Per Square Metre	
10	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.	129.13	Sqm			Per Square Metre	
11	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.	129.13	Sqm			Per Square Metre	
						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:-1,82,489.00	
Name of Work :-A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti (SH: Painting and distempering (out side) Type-I Block M1 and M2 Block Mehli Kasumpti Shimla).				Earnest Money :- 3,700.00	
				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.	936.00	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.	468.00	Sqm			Per Square Metre	
3	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.	464.00	Sqm			Per Square Metre	
4	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after throughly 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.	875.76	Sqm			Per Square Metre	
5	Providing and fixing Scaffolding for painting distempering work in all heights of building etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	264.00	Sqm			Per Square Metre	
						Total	


 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:-98,947.00

Name of Work :- A/R & M/O various residential quarter at Brock Hurst Shimla-2 (SH: Providing and fixing Earnest Money :-2,000.00

interlocking paver blocks in approach road to Cottage No.14 at Brock Hurst Shimla-2). Time:- 30 Days.

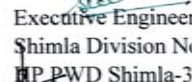
Sr No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge (i) bituminous road	33.60	Sqm			Per Square 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 sites 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 fully compensated by him at his own cost in all cases including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	6.72	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)	5.04	Cum			Per Cubic Metre	
	(b) 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.12	Cum			Per Cubic Metre	

4	Providing and laying 40mm thick factory made cement concrete interlocking paver block of M -50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	39.60	Sqm				Per Square Metre	
							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:- 4,70,040.00	
Name of Work :- A/R & M/O to Type-I,II & IV Qtrs. at Kasumpti Shimla-9 (SH: P/L Chequered tiles in compound the Buildings and Passage type-I,II & IV Kasumpti Shimla-9).						Earnest Money :- 9,500.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated In figures	Rate In words	Unit	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge 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) 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. (i)All kinds of soil	50.00	Cum			Per Cubic Metre	
2	Providing and laying cement concrete 1:6:12(1cement:6sand:12graded stone agg.40mm nominal size) and curing complete excluding cost of centring and shuttering in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.60	Cum			Per Cubic Metre	
3	Chequered 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.	275.00	Sqm			Per Square Metre	
						Total	


 Executive Engineer,
 Shimla Division No.I,
 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.

Estimated Cost:- 175032.00

Name of Work :- Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925 (SH:- C/O B/Wall at Rd 18/160 to 18/170).

Earnest Money :- 3500.00

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 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.	15.90	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in Vertical Breast walls, surface any thickness 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 (One cement:Four sand:Eight graded stone agg. 20mm (twenty milimetre) nominal size).	36.80	Cum			Per Cubic Metre	
3	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slope 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.	18.00	Rmt			Per Running Metre	
						Total	

DNIT approved for Rs.175032/- only Vide DNIT Register Sr No. The financial year 2021-22

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

SCHEDULE OF QUANTITIES


ESTIMATED COST: 99,400/-only

EARNEST MONEY : 2,000/-only.

TIME ALLOWED : 30 days

NAME OF WORK: Construction of Cheog Bye Pass road Km.0/00 to 0/180 (SH: Geo - technical investigation).

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
	1. Drilling - 1 m including Geo technical investigation and sub surface exploration at the proposed location of the Bridge Building by drilling bore holes as per IS 2800-1979 using percussion/calyx/RC ODEX/method required for drilling in collapsible strata conglomerate boulders, babbies, sand, gravel, silt clay etc. including cost of attachment extractable casing consumable stones, bits water, POL gravel pack in annular space etc. complete in all respect within all leads and lifts of material and as per directions of the Engineer-in-Charge.	14.00	Rmt		Per Running Metre	
					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:- 3,90,600.00


Name of Work :- A/R & M/O to various residential Qtrs. at Brock Hurst Shimla (SH: Alteration & Repair work in Gallery of Cottage No.2,5,6 & 7 at Below pine, Brock Hurst Shimla-9).

Earnest Money :- 7,900.00

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 Glazing in aluminium door window, ventilator shutters and partition etc. with PVC/neoprens gasket etc. complete as per the architectural drawing and the direction of Engineer in charge (the cost of alunium snap beading wshall be paid in basic items) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Glazing with glass pans of 5.50 mm thickness (weight not less than 13.75 kg/ Per Squaremetre)	58.00	Sqm			Per Square Metre	
2	Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS 6315) for aluminium door including cost of cutting floor as required embedding in floors and cover plates etc. complete as per the direction of Engineer-In-Charge l/c making good the floors.	25.00	Nos			Each	
3	Providing and fixing anodized aluminum work for doors windows ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS-755 and IS-1285 anodized transparent or dyed to required shade according to IS-1868(Minimum anodic coating of grade AC 15)fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top bottom and sides with required PVC/neoprene felt etc. Aluminum sections shall be smooth rust tee, straight, mitered and jointed mechanically, where even required including shape beading for glazing/paneling. C.P. brass/stainless steel screws all complete as per architectural drawing and the direction of the Engineer-in-Charge. (a) For doors windows & ventilators of glazed partitions frames.	460.00	Kgs.			Per Kilo-gram.	
	(b) For shutters of doors windows and ventilators including providing and fixing of fittings where even required including the cost of PVC/neoprene gaskets required (fitting & glazing/ paneling shall be paid for separately) including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Kg.			Per Kilo-gram.	
4	Providing and fixing ACP sheet in door shutters with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of Engineer-in-Charge (cost of aluminium snap beading shall be paid in basic item) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.00	Sqm			Per Square Metre	


5	Providing and fixing aluminium tower bolts (berrel 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. (i) 100x10mm	60.00	Nos			Each	
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) 100 mm (Solid body)	20.00	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	10.00	Nos			Each	
8	Providing and fixing fly proof galvanised M.S. wire gauge of IS gauge designation 85 g with wire of dia 0.56 mm to windows and clerestory windows including 60x20 mm beading of including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood.	10.00	Sqm.			Per Square Metre	
9	Providing and fixing oxidized M.S. hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200mm	20.00	Nos			Each	
						Total	


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

Schedule Of Quantity						Estimated Cost:-99,550/-	
Name of work :- Improvement of Black Spots on Shimla Mandi Road Km .6/00 to 22/00) (Sh:-Providing and fixing of aluminium Cateyes in Km. 6/00 to 22/00 in various locations)						Earnest Money 2,000.00	
						Time:-One Months.	
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	Cum	5	6	7	8
1	Providing and fixing aluminium road Cateyes of 3 M- series 290 ART No.C-1210 with dimension 100*100*20 mm (one hundred into one hundred into twenty milimetre) in Yellow , White and red colour (two way acrylic reflector fixed at site with suitable epoxy and nails as per the specifications and to be entire stasification of the Engineer-In-Charge including carriage of materials including carriage of materials in all leads and lifts.	181.00	No			Each	
						Total	0.00

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

Schedule Of Quantity						Estimated Cost:-99,550/-	
Name of work :- Improvement of Black Spots on MRR Via Chotta Shimli Road Km .145/00 to 156/640(Sh:-Providing and fixing of aluminium Cateyes in Km. 152./00 to 154/350 in various locations)						Earnest Money:2,000.00	
						Time:-One Months.	
S.N o	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	Cum	5	6	7	8
1	Providing and fixing aluminium road Cateyes of 3 M- series 290 ART No.C-1210 with dimension 100*100*20 mm (one hundred into one hundred into twenty milimetre) in Yellow , White and red colour (two way acrylic reflector fixed at site with suitable epoxy and nails as per the specifications and to be entire stasification of the Engineer-In-Charge including carriage of materials including carriage of materials in all leads and lifts.	181.00	No			Each	
						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:- 4,99,616.00**

Name of Work :- Improvement & Widening on Baldeyani to Dharampur road km.0/000 to 10/000 (SH: Widening of curves at various Rds.). **Earnest Money :- 10,000.00**

Time:- 15 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 185.46 Cum @ 300/- (Three hundred) 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.	1854.55	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-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,50,480.00	
NAME OF WORK: Improvement and widening Shimla Mandi road to Hipa Km.0/00 to 0/100) (SH:						Earnest Money :- 9,100.00	
Providing and fixing "W" Metal beam crash barrier, painting & Plastering work etc.).						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 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 lift 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 fully compensated by him at his own cost in all cases. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm(twenty millimetre) nominal size)	8.00	Cum			Per Cubic Metre	
3	Providing and Fixing Single "W" Metal beam crash barrier comprising of cold formed W profiled section having thickness of 3 mm (three millimetre)(uncoated thickness) with frame width of 311 mm(three hundred eleven millimetre) depth 83 mm (eighty three millimetre)and length 4318 mm(four thousand three hundred eighteen millimetre) (made of ISI marked HR coil conforming to IS : 5986/2011) , to be fixed on cold formed channel section post of size 150x75x5 mm (One hundred fifty into seventy five into five millimetre)(Made from ISI marked Hr Coils conforming to IS 5986/2011) spaced 1.50 metre(one point five zero metre) centre to centre of the post which will be of total height of 1.80 metre(One point eight zero metre) with its height of 1.1 metre(One point one metre) below ground level and 0.70 metre(zero point seven zero metre) above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150x75x5 mm and 330 mm(One hundred fifty into seventy five into five millimetre) and (three hundred thirty millimetre) long (made from ISI Marked HR coils conforming to IS : 5986/2011) , All the above components shall - conform to clause 810 of MORTH & H specifications including all	76.00	Rmt			Per Running Metre	

4	20 mm(twenty milimetre) cement plaster on rough side of brick masonry or stone masonry wall upto all floor level and height including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (a)1:6 (One cement: four coarse sand)	150.00	Sqm			Per Square Metre	
5	Applying priming coat on concrete surface with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	150.00	Sqm			Per Square Metre	
6	Painting on concrete surface with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	150.00	Sqm			Per Square Metre	
						Total	


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