

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 18558-59 Dated:- 15/12/2021

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:-

27-12-2021 upto 4:00 PM
28-12-2021 upto 4:00 PM
29-12-2021 up to 10:30 AM
29-12-2021 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH;- Renovation of Toilet, bath, Kitchen and minor repair work in Type-III set No.139 at Brock Hurst Shimla-9).	99671/-	2000/-	350/-	60 days	Class-D
2	Improvement & widening on Bangapani to Chetyog road km. 0/00 to 2/850 (SH;- C/O R/wall between km. 2/711 to 2/715.50).	95605/-	2000/-	350/-	30 days	Class-D
3	A/R & M/O to various residential Qtrs at Brock Hurst Shimla-2 (SH;- Painting and Distempering work in Due/Vacation sets at Brock Hurst Kasumpti Shimla-9).	90265/-	1900/-	350/-	30 days	Class-D
4	Improvement & widening on Gumma to Jabbal road km. 0/00 to 2/240 (SH;- C/O B/wall between km. 2/093 to 2/096).	99608/-	2000/-	350/-	60 days	Class-D
5	Improvement & Widening on Jabalnda to Kiar koti road km. 0/00 to 8/200 (SH;- Maintenance of Earthen shoulder, maintenance of Drain, Culvert and Trimming of grass between Rd. 1/00 to 3/00).	99608/-	2000/-	350/-	30 days	Class-D
6	A/R & M/O to Kufri chail road km. 0/00 to 25/00 (SH;- Hiring of JCB for removal of snow/Deberies in km. 8/00 to 15/00).	99000/-	2000/-	350/-	30 days	Class-D
7	A/R & M/O to kufri chail road km. 0/00 to 25/00 (Hiring of JCB for removal of snow/Deberied in km. 4/00 to 8/00).	99000/-	2000/-	350/-	30 days	Class-D
8	R.R.D on kufri Janedghat and kufri Bazar road by Laying OFC km. 0/00 to 25/00 (SH;- Providing and laying Valley side Edge line road marking between km. 0/00 to 2/500 on Challanda piran road).	99450/-	2000/-	350/-	30 days	Class-D
9	R.R.D on Kasumpti Junga road Laying by sewerage line (SH;- Painting of Rain shelter and providing and fixing of Retoreflexorized No parking school sign Board).	99379/-	2000/-	350/-	30 days	Class-D
10	Improvement of Dubloo Lakhoti road km. 0/00 to 5/760 (SH;- Improvement of widening curves between Rd. 5/360 to 5/390).	295408/-	6000/-	350/-	30 days	Class-D
11	A/R & M/O to Various residential qtrs at Brock Hurst Shimla-2 (SH;- Painting and Distempering work in type-III set no.126 Due /Vacation set at Brock Hurst Kasumpti Shimla-9).	98045/-	2000/-	350/-	30 days	Class-D
12	A/R & M/O various type-III & Type-VI GAD at parimahahal Kasumpti Shimla-9 (SH;- Repair work in kitchen, P/F PVC flooring , white washing/distempering etc in type-III set No.19 under Parimahahal section).	93485/-	1900/-	350/-	30 days	Class-D
13	A/R & M/O to type-VI residential qtrs at mehali Kasumpti Shimla (SH;- Repair of toilet and chequered tiles of out side stair case house No.15 type-VI at Mehli Kasumpti Shimla-9).	97456/-	2000/-	350/-	30 days	Class-D
14	A/R & M/O to Tribal Bhawan at Dhalli Shimla (SH;- Repair to Toilets at Tribal Bhawan Building set No.401,402,403 & 405)	95967/-	2000/-	350/-	30 days	Class-D
15	A/R & M/O to Tribal Bhawan at Dhalli Shimla (SH;- Repair to Tribal Bhawan Building set No.601,502,503 & 504).	95967/-	2000/-	350/-	15 days	Class-D
16	A/R & M/O various residential Qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Repair of kitchen in type-I set No.9 at Kasumpti Shimla).	99617/-	2000/-	350/-	30 days	Class-D
17	A/R & M/O to various quarters at sub Division Kasumpti Shimla-9 (SH;- Renovation of kitchen, cup board , minor repair work in below pine set No.2 at Brock Hurst Kasumpti Shimla-9)	199167/-	4000/-	350/-	60 days	Class-D
18	A/R & M/O KSC road km. 145/100 to 149/00 (SH;- Applying primer , painting on railing, Apex paint on foot over bridge etc).	163625/-	3300/-	350/-	30 days	Class-D
19	A/R & M/O to Type-I to VI Qtrs at Mehli Kasumpti Shimla (SH;- Painting and Distempering type-III QTRs at set No.8 and set No.20 at Mehli Kasumpti).	99790/-	2000/-	350/-	30 days	Class-D
20	A/R & M/O various type-III & Type-IV GAD at Parimahahal Kasumpti Shimla-9 (SH;- P/F cup board & accessories etc in type-III set NO.19 under Parimahahal section).	99945/-	2000/-	350/-	30 days	Class-D
21	Improvement /Widening of various residence quarter under Kasumpti Sub Division No. VIII Shimla-9 (SH;- C/O Breast wall in approach of type-II set no.41 to 48 Brock Hurst Shimla-2).	92363/-	1900/-	350/-	30 days	Class-D

A/R & M/O various type-III & Type-VI GAD at Parimahal Kasumpti Shimla-9 (SH:- Covering of tank stand with welded mesh, providing stair case for tank stand and re-fixing tanks of type-III set NO.1 and 2 GAD QTRs under Parimahal section).	80811/-	1700/-	350/-	30 days	Class-D
Improvement /widening of Janedghat Dubloo road km. 0/00 to 15/00 (SH:- C/O R/wall at Rd. 3/260 to 3/271).	326504/-	6600/-	350/-	30 days	Class-D
Improvement and widening on Kamyana to Pawabo road km. 0/00 to 0/700 (SH:- C/O Retaining wall at RD. 0/360 to 0/371).	418339/-	8400/-	350/-	60 days	Class-D
C/O Kawanti to Padhar road km. 0/00 to 2/700 (SH:- Widening of road in km. 0/975 to 1/435).	291497/-	6000/-	350/-	30 days	Class-D
R/O rain Damages on Mashobra to Bhakhality road km. 0/00 to 18360 (SH:- Hiring of excavator-cum Loader for removal of snow on Mashobra to Bhaikhality road km. 0/00 to 18/360).	99000/-	2000/-	350/-	30 days	Class-D
A/R & M/O to various under Mashobra section (SH:- Supplying and stacking of cursher sand for smooth flow to traffic in snow bound area) Msahobra Bhekhalityu road km. 0/00 to 18/360).	99900/-	2000/-	350/-	30 days	Class-D
A/R & M/O to type-VI set no.9 at Mehli Shimla -9 (SH:- Supplying of Furniture in type-VI set nO.9 (Allotted to Sec. Home) at Mehli Shimla-9).	28000/-	600/-	350/-	30 days	Class-D
A/R & M/P to various under Baldeyan section (SH:- Supplying and stacking of cursher sand for smooth flow to traffic in snow bound area. Baldeyan to Dharpur road in km. 0/00 to 10/00 Baladeyan to Dharpur road in km. 0/00 to 4/720, Baldeyan to Cragnano road km. 0/00 to 2/00).	99900/-	2000/-	350/-	30 days	Class-D
A/R & M/O to various under Baldeyan section (SH:- Supplying and stacking of cursher sand for smooth flow to traffic in snow bound area Shimla Mandi road km. 6/00 to 22/00).	99900/-	2000/-	350/-	30 days	Class-D
A/R & M/O to various under Mashobra Section (SH:- Supplying and stacking of crusher sand for smooth flow to traffic in snow bound area Purani koti Ghorana road km. 0/00 to 3/00 Mashobra to Cragnano road km. 0/00 to 4/00 and woodrina to shishukendra road ikm. 0/00 to 1/400).	99900/-	2000/-	350/-	30 days	Class-D
R/O Rain damages to various under Baldeyan section under Mashobra sub Division (SH:- Hiring of excavator-cum-loader for removal of snow from Shimla madni road km. 6/00 to 22/00).	99000/-	2000/-	350/-	30 days	Class-D
R/O Rain damages to various under Baldeyan section under Mashobra sub Division (SH:- Hiring of excavator-cum-loader for removal of snow from Baldeyan to Dharpur road in km. 0/00 to 10/00, Baldeyan to shannel road km. 0/00 to 4/720).	99000/-	2000/-	350/-	30 days	Class-D
R/O Rain damages to various under Mashobra section under Mashobra sub Division (SH:- Hiring of excavator-cum-loader for removal of snow on Purani koti to Ghorna road in km. 0/00 to 3/00 Mashonra to seepur road km. 0/00 to 2/750 and Mashora Cragnano road 0/00 to 4/00).	99000/-	2000/-	350/-	30 days	Class-D
A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH:- Renovation of toilet painting/ Distemper and minor repair work n type-I set no.3 at Kasumpti).	88555/-	1800/-	350/-	60 days	Class-D
A/R & M/O various quarters at sub Division Kasumpti Shimla-9 (SH:- Providing and fixing floor tiles and minor repair work in servant quarter No.35 to 40 at Brock Hurst Kasumpti Shimla-9).	96795/-	2000/-	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.

- The valid enlistment/Registration of contractor in Appropriate Class.
- Permanent account No. (PAN NO).
- G.S.T No.
- 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.
- 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.
- The application received without earnest money & cost of tender form shall summarily be rejected.
- The officer of the tender shall remain valid up to 75 days after the opening of tender.
- Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
- Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
- If the date given above happens to be holiday the same shall be processed on next working day.
- 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.
- 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.
- One contractor shall not have more than two major works in hand at a time.
- Work should be completed by the contractor within stipulated period.

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

No.PW-SD-I/CB-Tender/21-22-

Copy forwarded to :-

18560-74

Dated :- 15-12-21

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.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 99,671.00		
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Renovation of Toilet, Bath, Kitchen and minor repair work in Type-III set No.139 at Brock Hurst Kasumpti Shimla-9).				Earnest Money :- 2,000.00		
				Time:- 60 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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 with in 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 millimetre)	18.60	Sqm		Per Square Metre	
2	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).	0.43	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 (fifty)metres lead as per direction of Engineer - in- charge.	0.07	Cum		Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.07	Cum		Per Cubic Metre	
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (I) Of area 3 sq. metres(three square metre) and below	2.00	Nos		Each	
6	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	
7	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	0.93	Cum		Per Cubic Metre	

8	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.	0.36	Sqm			Per Square Metre
9	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.	0.05	Cum			Per Cubic Metre
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve millimetre) 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 millimetre) thick	9.73	Sqm			Per Square Metre
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred millimetre) 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 millimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.47	Sqm			Per Square Metre
12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm (six hundred into six hundred millimetre)	3.18	Sqm			Per Square Metre
13	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 millimetre) nominal bore.	6.00	Rmt			Per Running Metre

14	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Shelves (Cast in situ)	0.72	Sqm		Per Square Metre
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	5.54	Kg.		Per Kilo-gram
16	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum		Per Cubic Metre
17	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.02	Cum		Per Cubic Metre
18	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd Class Deodar Wood.	1.35	Sqm		Per Square Metre
19	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 40mm thick 2nd class deodar wood	0.26	Sqm		Per Square Metre
20	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	10.00	Sqm		Per Square Metre
21	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm		Per Square Metre

23	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) 125mm	4.00	Nos		Each
23	Providing and fixing anodized aluminium 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 millimetre)	2.00	Nos		Each
24	Providing and fixing aluminium 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) 200x16mm	2.00	Nos		Each
25	Providing and fixing bright finished or 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
26	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. (a) 100 mm	5.00	Nos		Each
27	Providing and fixing 19mm thick water proof commercial board in shelves box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.40	Sqm		Per Square Metre
28	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillers 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.	3.60	Sqm		Per Square Metre
29	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm		Per Square Metre
30	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos		Each
31	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	10.00	Rmt		Per Running Metre

32	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sumica) 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.	5.40	Sqm		Per Square Metre
33	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron crewed 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	3.00	Nos		Each
34	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.	6.00	Rmt		Per Running Metre
35	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	2.00	Nos		Each
36	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	2.00	Nos		Each
37	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.	50.00	Sqm		Per Square Metre
	b) With enamel paint other than white	50.00	Sqm		Per Square Metre
38	Extra over item No.37 for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With white enamel paint.	25.00	Sqm.		Per Square Metre
	b) With enamel paint other than white	25.00	Sqm.		Per Square Metre
39	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint	10.00	Sqm		Per Square Metre

40	Extra over item No. 39 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	5.00	Sqm	Per Square Metre	
41	Dispersing 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)	100.00	Sqm	Per Square Metre	
42	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.	100.00	Sqm	Per Square Metre	
43	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1 cement:3 sand) including jointing with cement mortar 1:2(1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.72	Sqm	Per Square Metre	
44	Providing and fixing vitreous China Hind ware IS marked IS No. 2556 or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back :- (i) 550 X 400 mm (five hundred fifty into four hundred millimetre)	1.00	No	Each	
45	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting. (a) 610 x 510 mm (six hundred ten into five hundred ten millimetre) with bowl depth 200 mm (two hundred millimetre).	1.00	No	Each	
46	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-Charge. (a) 32 mm (thirty two millimetre) dia	1.00	No	Each	
47	Providing & fixing 32 mm (thirty two millimetre) 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-Charge.	1.00	No	Each	
48	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos	Each	
49	Providing and fixing looking mirror of superior glass with plastic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
50	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	2.00	Nos	Each	
51	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	
52	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	3.00	Nos	Each	

53	Providing and fixing C.P. Brass pillar tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	1.00	No		Each
54	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos		Each
55	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	4.00	Nos.		Each
56	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
57	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
58	Providing and fixing sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
59	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
60	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE A) White plastic seat and cover.	1.00	No		Each
61	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No		Each
					Total

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

TABLE OF QUANTITIES

Project: Highway Authority: FIVE STAR ENGINEERING SUMMA DIVISION No. 1, FIVE STAR, SUMMA A.3.
 Estimated cost: 95,805.00
 Earnest Money: 2,000.00
 Time: 30 Days
 Unit: Amount

Approximation

Qty	Unit	Fig	W	Unit	Amount
1	3	1000	5	1	5
2	1000	1000	5	1	5
3	1000	1000	5	1	5
4	1000	1000	5	1	5
5	1000	1000	5	1	5
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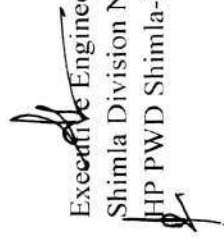
5.	Back filling behind abutment, wing wall and return wall complete as per specifications in charge in-charge. a) Granular material.	2.00	Cum		Per Cubic Metre
6	Providing weep holes in Breast wall Retaining wall on stone masonry with 100mm & P.V.C. pipe with slope of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.00	Rmt		Per Running Metre
					Total

Executive Engineer,
 Shimla Division No.1,
 H.P./WD SHIMLA-3.

SCHEDULE OF QUANTITY

Sr. No		Description of Work / Item (S)	No. of Qty.	Estimated Rate In figures	Unit	Amount
1		Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm	Per Square Metre	
2		Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	310.00	Sqm	Per Square Metre	
3		Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	650.00	Sqm	Per Square Metre	
4		Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint. b) With enamel paint other than white	300.00	Sqm	Per Square Metre	
5		Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint. (b) With enamel paint other than white	100.00	Sqm	Per Square Metre	
6		Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm	Per Square Metre	
7		Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	20.00	Sqm	Per Square Metre	

8	Applying modrent solution on new G.I sheet for preparation of surface for painting @ 5 litres/100 sqm.of surface and rubbing the solution with brush including thoroughly cleaning the surface of all oil grease dirt and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	39.00	Sqm		Per Square Metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarried on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.00	Sqm		Per Square Metre	
					Total	


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

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :-Improvement & Widening on Gumma to Jabbal road km.0/000 to 2/240 (SH: C/O

B/Wall between Km. 2/093 to 2/096).

Estimated Cost:- 99,608.00

Earnest Money :- 2,000.00

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 of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.84	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.	1.44	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).	1.44	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).	17.49	Cum		Per Cubic Metre		

5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1:20/1:3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	1.26	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.	5.00	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:- 99,608.00					
Name of Work :-Improvement & Widening on Jablanda to Kiar Koti road km.0/000 to 8/200 (SH: Maintenance of Earthen Shoulder, Maintenance of Drain ,Culvert and Trimming of grass Between RD . 1/00 to 3/00).				Earnest Money :- 2,000.00					
				Time:- 30 Days.					
Sr.N o.	Description	Qty.		Rates in		Unit	Amount		
				Figs	Words				
1	2	3		4	5	6	7		
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with approporse equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	2688.00	Sqm			Per Square Metre			
2	Maintenabce of drain including erosion ,reoar ,cleaning ,reshaping ,regarding ,deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the directioon of Engineere -in Charge.	2000.00	Rmt			Per Runing Metre			
3	Trimming of Grass from the shoulders/Berms and disssposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	2000.00	Sqm			Per Square Metre			
4	Maintenance of Hume pipe Culvert by way of Cleaning , Erosion repiar to Cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials withing all leads and lift as per the direction of Engineer -in -Charge.	3.00	Nos			Each			
Total									


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

SCHEDULE OF QUANTITY

Name of work: -A / R & M / O to Kufri Chail road Km. 0/00 to 25/00 (SH:-Hiring of JCB for removal of Snow/ Deberies in Km. 8/00 to 15/00)

Estimated Cost: -Rs 99,000/-only
Earnest Money : Rs 2,000/-Only
Time - One Month

S.	Sub head and items of work	Qty.	Rate		Unit	Amount
			In	In words		
1	2	3	figure		6	7
1	Hiring of exvavater -cum-loader for removal of snow debries and dressing of berms including cost of fuel oil, lubricants , wages of operational staffs any repair package during operation will be carried out at his risk ands cost including carriage of machinery from one place to another at required locatiopn. Actual working will be accounted for payment and proper disposal slips debries by contractor will be insured and including all leads and lifts work shallcarriage of materials upto all leads and lifts and as per direction of Engineer-in-Charge.	99.00	Hour		Per hour	0.00
					Total:-	99000.00


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

SCHEDULE OF QUANTITY						
Name of work: -A / R & M / O to Kufri Chail road Km. 0/00 to 25/00 (SH:-Hiring of JCB for removal of Snow/ Deberies in Km. 4/00 to 8/00)						
Estimated Cost: -Rs 99,000/-only						
Earnest Money : Rs 2,000/-Only						
Time - One Month						
S.	Sub head and items of work	Qty.	Rate In figure	In words	Unit	Amount
1	2	3			6	7
1	Hiring of exccavater -cum-loader for removal of snow debries and dressing of berms including cost of fuel oil, lubricants , wages of operational staffs any repair package during operation will be carried out at his risk ands cost including carriage of machinery from one place to another at required locatiopn. Actual working will be accounted for payment and proper disposal slips debries by contractor will be insured and including all leads and lifts work shallcarriage of materials upto all leads and lifts and as per direction of Engineer-in-Charge.	99.00	Hour		Per hour	
					Total:-	99000.00

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

2,000.00

Estimated Cost of Money :-2,000.00

Tender Inviting Authority:EXECUTIVE ENGINEER SHIMLA DIVISION NO-2, H.F.F:W.D., SHIMLA

Name of Work :- R. R. D on Kufri Janedghat and Kufri Bazar road by Laying OFC Km 0/00 to 25/00 (SH :- Providing and Laying Valley side Edge line road marking between Km 0/00 to 2/500 on Challanda Piran road).

Piran road).

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated rate	
			In figures	In words
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including rectorising glass beads @250 gms per Sqm . Area thickness 2.5 mm is exclusive of surface applied glass beads asa per IRC:35. The Finished surface to be level , Uniform and free streaks and holes as per MORD specification including carriage of all labour equipment and materials to various location through all modes trasporation in all leads lifts and all incidental charges.	255.00	Sqm	

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

Shimla-3, PWD Shimla-3.

SCHEDULE OF QUANTITY

Estimated Cost:- 99,379.00

Estimated Cost:- 2,000.00

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :- R.R.D on Kasumpti Junga Road Laying by sewerage line (SH):- Painting of Rain Shelter and Providing and Fixing of Retroreflectorized . No parking School Sign Board)

Time:- 30 Days.

Unit

Amount

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate	
			In figures	In words
1	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.	100.00	Sqm	
2	Painting one coat(excluding priming coat)on previously painted Steel & other metal surface with readymixed paint brushing finished oil grease to give an even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)With white readymixed paint.	150.00	Sqm.	
3	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with Readymixed primer including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	
4	Painting one coat(excluding priming coat)on previously painted concrete/mason /plastered surface with readymixed paint brushing finished oil grease to give an even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.i)Paint other than white	230.00	Sqm	
5	Painting one coat(excluding priming coat)on previously painted Steel & other metal surface with readymixed paint brushing finished oil grease to give an even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)With white readymixed paint.	150.00	Sqm	
6	Providing and fixing of retro-reflectorised Cautionary and Informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 1.5 mm (One pointfive millimetre) thick supported on a mild steel single angle iron post 75 x 75 x 6 mm (Seventy five into Sixty five into six millimetre) firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 x 450 x 600 mm (Four hundred fifty millimetre into Four hundred fifty millimetre into six hundred millimetre) below ground level as per approved drawing and Technical Specification Clause 1701. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) (600 mm Equilateral Triangle)	14.00	No	
			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-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost: 2,95,408.00		
Name of Work :- Improvement of Dubloo Lahkoti road Km 0/00 to 5/760. (SH :- Improvement of Widening curves between RD 5/360 to 5/380).							Earnest Money :-6,000.00		
Sr. No							Time:- 30 Days.		
Description of Work / Item (S)							Estimated Rate		
							In figures	In words	
							No. of Qty.	Unit	
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.P.W.D. specification of 1990 (one thousand nine hundred ninety) volume-1 (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 106.15 Cum @ 170/- (One hundred seventy) 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.						636.93	Cum	Per Cubic Metre
								Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost:-98,045.00	
Name of Work :- A/R & M/O to various residential Qtrs. at Brock Hurst Shimla-2 (SH: Painting and Distempereing work in Type-III set No.126 Due/Vacation sets at Brock Hurst Kasumpti Shimla-9)							Earnest Money :- 2,000.00	
Time:- 60 Days.								
Sr No	Description of Work / Item (S)	No of Qty	Estimated Rate		Unit	Amount		
			In figures	In words				
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm		Per Square Metre			
2	Applying Biria white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm		Per Square Metre			
3	Distempereing 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)	550.00	Sqm		Per Square Metre			
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (a) With white enamel paint.	400.00	Sqm		Per Square Metre			
	(b) With enamel paint other than white	200.00	Sqm		Per Square Metre			
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	200.00	Sqm		Per Square Metre			
	(b) With enamel paint other than white	100.00	Sqm		Per Square Metre			
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)With white enamel paint.	75.00	Sqm		Per Square Metre			

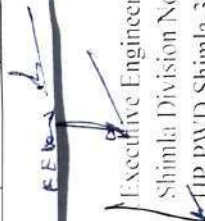
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	35.00	Sqm	Per Square Metre
8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexulima) or its equivalent 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
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.									
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9(SH: Repair work in Kitchen, P/F PVC flooring, white washing/distemper etc. in Type-III set No.19 under Parimahal									
Estimated Cost:- 93,485.00									
Earnest Money :- 1,900.00									
Time:- 60 Days.									
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
		In figures	In words						
1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	173.15	Sqm			Per Square Metre			
2	Removing dry or oil bound distemping, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	173.15	Sqm			Per Square Metre			
3	Providing and applying white cement based putty of average thickness 1 mm. of approved brand and manufacturer. over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	121.81	Sqm			Per Square Metre			
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	130.46	Sqm			Per Square Metre			
5	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.	58.44	Sqm			Per Square Metre			
6	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.	58.44	Sqm			Per Square Metre			
7	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood	0.02	Cum			Per Cubic Metre			
8	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Cement Mortar 1:5 (1 Cement : 5 Sand)	5.46	Sqm			Per Square Metre			

9	Providing and fixing C.P. brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-Charge.	2.00	Nos		Each
10	Providing and fixing 15mm mixer for kitchen sink with top/ bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
11	Providing and fixing 15mm mixer for kitchen sink with top/ bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
12	Providing and fixing one hole basin mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
13	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.	1.45	Cum		Per Cubic Metre
14	Centering and shuttering including strutting, propping etc. and removal of form work for including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	1.28	Sqm		Per Square Metre
15	Marble work (table rubbed and polished for walls lining) Veneer work 2.50cm. thick in cement mortar 1:3 (1 cement:3 sand) including pointing with white cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the marble shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Baroda Green Marble	2.39	Sqm		Per Square Metre
16	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	3.00	Nos		Each
17	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
18	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm. including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 510x1040 mm bowl depth 250mm	1.00	No		Each
19	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	34.79	Sqm		Per Square Metre
					Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:-97,456.00	
Name of Work :- A/R & M/O to Type-VI residential Qtrs. at mehli Kasumpti Shimla (SH: Repair of Toilet and Chequered tiles of out side stair case house No.15 Type-VI at Mehli 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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (i)Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.61	Cum			Per Cubic Metre		
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) For thickness of tiles 10 mm to 25 mm	36.37	Sqm			Per Square 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 the directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.61	Sqm			Per Square Metre		
4	Chequered terrazzo tiles 22mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing 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 the directions of the Engineer-in-Charge. (i) Medium shade pigment using 50% white cement, 50% ordinary cement	26.78	Sqm			Per Square Metre		
5	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement :3 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 the directions of the Engineer-in-Charge. (i)Marble tiles (polished) Raj Nagar(a)8 mm thick	20.80	Sqm			Per Square Metre		
6	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sq.m including pointing the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	4.90	Sqm			Per Square Metre		
7	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	6.00	Rmt			Per Running Metre		

8	Providing and fixing PVC (Fenolox) pipe approved quality including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm	5.00	Rmt			Per Running Metre
	(ii) 75 mm dia	5.00	Rmt			Per Running Metre
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) 110 mm dia.	1.00	No			Each
	(ii) 75 mm dia	1.00	No			Each
10	Providing and fixing one piece construction with vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I./PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings, and cutting and making good the walls and floors etc. wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Hindustan and its equivalent.	1.00	No			Each
11	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) White vitreous China wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps.	1.00	No			Each
12	Providing and fixing 600mmx120mm (six hundred millimetre into one hundred twenty millimetre) glass shelf with C.P. Brass brackets 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.	1.00	No			Each
13	Providing and fixing toilet paper holder including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge i) C.P.Brass	2.00	Nos.			Each
14	Providing and fixing 15mm mixer for kitchen sink with top / bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESS DL WB 102	2.00	Nos.			Each
15	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm. Make ESS AC 701	1.00	No.			Each

16	Providing and fixing Tumber holder with Acrylic tumber cat No.AC-704 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
17	Providing and fixing health faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm	1.00	No		Each
18	Providing and fixing angle cock with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm	6.00	Nos.		Each
19	Providing and fixing P.V.C connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. A)300/450mm length :- i)15mm nominal bore	2.00	Nos		Each
20	Providing and fixing single lever basin mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm Cat ESS/ESS ALBM 101	1.00	No		Each
					Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 95,967.00	
Name of Work :-A/R & M/O to Tribal Bhawan at Dhalli Bhawan (SH: Repair to toilets at Tribal Bhawan					Earnest Money :- 2,000.00	
Building Set No.401,402,403 & 405)					Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No of Qty	Estimated Rate In figures	Estimated Rate In words	Unit	Amount
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 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. (i)For thickness of tiles above 25mm and upto 40mm	48.00	Sqm		Per Square Metre	
2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry at 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 500x500 mm	16.00	Sqm		Per Square Metre	
3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry at 3.3kg per 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.	32.00	Sqm		Per Square Metre	
4	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) W.C. pan with ISI marked white solid plastic seat and lid.	4.00	Nos		Each	
5	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore	24.00	Nos		Each	

6	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	16.00	Nos	Each	
7	Providing and fixing C.P. Brass pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	4.00	Nos	Each	
8	Providing and fixing C.P. Brass connection pipe with brass union 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	16.00	Nos	Each	
9	Providing and fixing PTMT jet sprayer of approved quality and colour with a 1.5 mtrs. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos	Each	
10	Providing and fixing Chlorinated polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes joining of pipes & fittings with one steps CPVC solvent cement, trenching, refilling & testing of joints complete as per directions of the Engineer-in-Charge. 15 mm nominal outer dia pipe.	44.00	Rmt	Per Running Metre	
				Total	

Executiv 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:- 95,967.00	
Name of Work :-A/R & M/O to Tribal Bhawan at Dhalli Shimla (SH: Repair to toilets at Tribal Bhawan					Earnest Money :- 2,000.00	
Building Set No.601,502,503 & 504)					Time:- 30 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 floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 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. (i)For thickness of tiles above 25mm and upto 40mm	48.00	Sqm		Per Square Metre	
2	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 15022, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry at 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 500x500 mm	16.00	Sqm		Per Square Metre	
3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15022 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of	32.00	Sqm		Per Square Metre	
4	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) W.C. pan with ISI marked white solid plastic	4.00	Nos		Each	
5	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore	24.00	Nos		Each	
6	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	16.00	Nos		Each	

7	Providing and fixing C.P. Bras pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	4.00	Nos		Each	
8	Providing and fixing C.P. Brass connection pipe with brass union 45 cm length 15 mm nominal bore including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia	16.00	Nos		Each	
9	Providing and fixing PTMT jet sprayer of approved quality and colour with a 1.5 mtrs. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos		Each	
10	Providing and fixing Chlorinated polyvinyl Chloride (CPVE) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one steps CPVC solvent cement, trenching, refilling & testing of joints complete as per directions of the Engineer-in-Charge. 15 mm nominal outer dia pipe.	44.00	Rmt		Per Running Metre	
					Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 99,617.00	
Name of Work :- A/R & M/O various residential Qtrs. type-I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen in type-I set No.9 at Kasumpti Shimla).					Earnest Money :- 2,000.00	
Kitchen in type-I set No.9 at Kasumpti Shimla).					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 and all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 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 millimetre)	6.30	Sqm		Per Square Metre	
2	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.e. equivalent design mix).	0.63	Cum		Per Cubic Metre	
3	Demolishing R.C.C. work manually by mechanical means including stacking of steel bars and disposal of un-serviceable material within 50 (fifty) 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 un-serviceable material within 50 (fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.06	Cum		Per Cubic Metre	
5	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of un-serviceable 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	
6	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of un-serviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
7	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.	14.40	Sqm		Per Square Metre	
8	Disposal of building rubbish / malba / similar un-serviceable, 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.	3.10	Cum		Per Cubic Metre	

9	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.	1.44	Sqm		Per Square Metre
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve millimetre) 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 millimetre) thick	17.48	Sqm		Per Square Metre
11	Providing and laying rectified (glazed Ceramic floor tiles of size 300x300 mm)(three hundred into three hundred millimetre) 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 millimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc.. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.30	Sqm		Per Square Metre
12	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, udipur green marble area of slab over 0.5 Sqm, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.80	Sqm		Per Square Metre
13	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 610 x460 mm with bowl depth 200 mm.	1.00	No		Each
14	Providing and fixing Sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
15	Providing and fixing 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 millimetre) nominal bore.	3.00	Rmt		Per Running Metre
16	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) Shelves (Cast in situ)	1.80	Sqm		Per Square Metre
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	30.00	Kg.		Per Kilo-gram

18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.90	Cum	Per Cubic Metre	
19	Providing and fixing square edges cover fillets (beading) 40mm x 12mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	15.00	Rmt	Per Running Metre	
20	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick (i) 2nd Class Deodar Wood.	1.215	Sqm	Per Square Metre	
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	1.215	Sqm	Per Square Metre	
22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	50.00	Sqm	Per Square Metre	
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm	Per Square Metre	
24	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.	7.92	Sqm	Per Square Metre	
25	Providing and fixing ply wood lining with butt 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.	3.60	Sqm	Per Square Metre	

26	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.88	Sqm		Per Square Metre	
27	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.	20.00	Nos		Each	
28	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i.e 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	45.00	Rmt		Per Running Metre	
29	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.	5.76	Sqm		Per Square Metre	
30	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. b) With enamel paint other than white	30.00	Sqm		Per Square Metre	
		15.00	Sqm		Per Square Metre	
31	Extra over item No.30 for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With white enamel paint. b) With enamel paint other than white	15.00	Sqm.		Per Square Metre	
		7.00	Sqm.		Per Square Metre	
					Total	

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,99,167.00	
Name of Work :- A/R & M/O to various quarters at Sub Division Kasumpti Shimla-9 (SH: Renovation of Kitchen, Cup board , minor repair work in Below Pine set No.2 at Brock Hurst Kasumpti Shimla-9).					Earnest Money :- 4,000.00	
					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 with in 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 millimetre)	43.81	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).	0.43	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 doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(I) Of area 3 sq. metres	10.00	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.	21.60	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 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		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 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.				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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement mortar 1 : 4 (1 cement : 4 coarse sand)	6.12	Sqm		Per Square Metre
11	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge: (i) Cement mortar 1:4 (1 cement : 4 coarse sand).	0.41	Cum		Per Cubic Metre
12	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 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 thick	38.22	Sqm		Per Square Metre
13	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm 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 thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.71	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 thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm	5.28	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 nominal bore.	18.00	Rmt		Per Running Metre

16	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Shelves (Cast in situ)	0.72	Sqm			Per Square Metre
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Mild steel and Medium Tensile steel bars	11.55	Kgs.			Per Kilo-gram.
18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 rated stone aggregate 20 mm nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.11	Cum			Per Cubic Metre
19	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood	0.03	Cum			Per Cubic Metre
20	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd class deodar wood	1.35	Sqm			Per Square Metre
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	0.42	Sqm			Per Square Metre
22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter. sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm			Per Square Metre

24	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	4.00	Nos			Each	
25	Providing and fixing anodized aluminium 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	
26	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	2.00	Nos			Each	
27	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	
28	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	
29	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.	14.40	Sqm			Per Square Metre	
30	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 6mm thick.	12.00	Sqm			Per Square Metre	
31	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.	12.00	Sqm			Per Square Metre	
32	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.	20.00	Nos			Each	

33	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	50.00	Rmt		Per Running Metre	
34	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.	6.00	Sqm		Per Square Metre	
35	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	5.00	Nos		Each	
36	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.	6.00	Rmt		Per Running Metre	
37	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.	2.00	Nos		Each	
38	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm (one hundred ten millimetre) dia	2.00	Nos		Each	
39	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3 (cement:3sand) including jointing with cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Sqm		Per Square Metre	
40	Providing and fixing vitreous China Hind ware IS marked IS No. 2556 or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back :- (i) 550 X 400 mm (five hundred fifty into four hundred millimetre)	2.00	Nos		Each	

41	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 610 x 510 mm (six hundred ten into five hundred ten millimetre) with bowl depth 200 mm (two hundred millimetre).	1.00	No			Each	
42	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-Charge. (a) 32 mm (thirty two millimetre) dia	1.00	No			Each	
43	Providing & fixing 32 mm (thirty two millimetre) 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-Charge.	1.00	No			Each	
44	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
45	Providing and fixing looking mirror of superior glass with plastic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
46	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	2.00	Nos			Each	
47	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	
48	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	2.00	Nos			Each	
49	Providing and fixing C.P. Brass pillar tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	1.00	No			Each	
50	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each	
51	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	8.00	Nos			Each	

52	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
53	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
54	Providing and fixing sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
55	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and ovr flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
56	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	1.00	No			Each
57	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each
						Total


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

SCHEDULE OF QUANTITIES

ESTIMATED COST Rs 1,63,625/-only
EARNEST MONEY Rs. 3,300/-only.
TIME ALLOWED : Two Months.

NAME OF WORK: A/R & M/O K.S.C. Road Km. 145/100 to 149/00 (SH: Applying primer , painting on railing , Apex paint on footover bridge etc)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1 00	Removing old paint from steel and other metal surfaces and making the surface even including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With hand scraping	600.00			Per Square Metre	
2 00	Painting two coats (excluding priming coat) on new Steel and Steel based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an 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 paint other than white	1300.00			Per Square Metre	
3 00	White washing with lime on undecorated wall surface(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.	500.00			Per Square Metre	
4 00	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equal 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.	520.00			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.									
Name of Work :- A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: Painting and Distempering Type-III Qtrs at set No.8 and set No.20 at Mehli Kasumpti)									
Sr. Description of Work / Item (S)									
No	No. of Qty.		Estimated Rate		Unit		Amount		
			In figures	In words					
1	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 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 the directions of the Engineer-in-Charge. (i)Marble tiles (polished) Raj Nagar(a)8 mm thick		24.03	Sqm		Per Square Metre			
2	Removing of dry oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.		247.60	Sqm		Per Square Metre			
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.		247.60	Sqm		Per Square Metre			
4	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.		385.20	Sqm		Per Square Metre			
5	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 .		254.54	Sqm		Per Square Metre			
6	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 (cement: sand) (Seat and over to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Anglo Indian (Universal Closet) CERA		2.00	Nos		Each			
	(ii) Ordinary Closet CERA		1.00	No		Each			

Estimated Cost:-99,790.00
 Earnest Money :- 2,000.00
 Time:- 30 Days.

7	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	3.00	Nos		Each
8	Providing and fixing C.P. Jet for water closet (Uropean type) complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos		Each
9	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge I.SOLID TYPE: a)white plastic seat and cover	3.00	Nos		Each
					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:- 99,945.00
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9(SH: P/F
Earnest Money :- 2,000.00
Cup board & accessories etc. in Type-III set No.19 under Parimahal Section).
Time:- 60 Days.

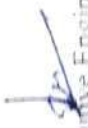
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	Unit	Amount
				In figures In words		
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.70	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.	11.98	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.	15.10	Sqm		Per Square Metre	
4	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	43.80	Sqm		Per Square Metre	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	86.70	Rmt		Per Running Metre	
6	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	54.00	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) 100mm	14.00	Nos		Each	
					Total	

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

DRAFT SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 92,363.00	
Name of Work :- Improvement /Widening of various residential quarter under Kasumpti Sub Division No.VIII Shimla-9 (SH: C/O Breast Wall in approach of Type-II set No.41 to 48 Brock Hurst Shimla-2).					Earnest Money :- 1,900.00	
Sr. Description of Work / Item (S)					Time:- 60 Days.	
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 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	78.75	Cum		Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundations of the structures is in an area with stream	9.79	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).	1.01	Cum		Per Cubic Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	4.01	Cum		Per Cubic Metre	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.333	Tonne		Per Tonne	

6	Providing weepholes in brick masonry, stone masonry, plain reinforced concrete abutment, wing wall, return wall with 100 mm (One hundred millimeter) dia PVC pipe extending through the full width of the structures with slope of 1:10 (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 directions of the Engineer-in-Charge.	20.00	Rm	Per Running Metre
7	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, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.79	Cum	Per Cubic Metre
8	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, in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	0.60	Cmts.	Per Quintal
				Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.									
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9(SH: Covering of Teak stand with welded mesh, providing stair case for tank stand and re-fixing tanks of type-III set No.1									
Estimated Cost:- 80,811.00									
Earnest Money :- 1,700.00									
Time:- 60 Days.									
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount			
			In figures	In words					
1	Steel work welded in built up sections/ 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 beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like.	5.72	Qtls.		Per Quintal				
2	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.20	Sqm		Per Square Metre				
3	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Two or more coats on new work	27.15	Sqm		Per Square Metre				
4	Providing and fixing oxidised M.S. tower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)200x10mm.	2.00	Nos		Each				
5	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 250 x 16mm.	2.00	Nos		Each				
6	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but with out fittings and the base support for tank including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Labour rate)	2.00	Nos		Each				
7	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen milimetre) nominal bore.	20.00	Rmt		Per Running Metre				
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	5.00	No		Each				

9	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 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.60	Cum			Per Cubic Metre
10	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100x55x190 mm	5.00	Nos			Each
						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:- 3,26,504.00

Name of Work :- Improvement /Widening Janedghat Dublu road Km 0/00 to 15/00 (SH: C/O R/Wall at Rd 3/260 to 3/268.50).

Earnest Money :- 6,600.00

Sr.N o.	Description	Qty.	Rates in			Unit	Amount
			Figs	Words	Days		
1	2	3	4	5	6	7	
1	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.	49.72				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 milimetre) nominal size).	3.65				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 milimetre) nominal size).	55.13				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.	7.69				Per Cubic Metre	

5	Providing weep holes in Breast wall/Retaing 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.	41.68	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-1 H.P.P.W.D., SHIMLA-3.
 Name of Work :- Improvement and widening on Kamyana to Powabo road Km.0/00 to 0/700 (SH: C/O
 Retaining Wall at RD.0/360 to 0/371)
 Estimated Cost:- 4,18,339.00
 Earnest Money :- 8,400.00
 Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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) in all kinds of soil 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).All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. Any loss to the public and private propriety, 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.	54.89	Cum		Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches for 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 surps 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 all side water pollution etc. and to protect stability of hill side rock shall be excavated with chiselling 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 handling and stacking of materials useful for construction of suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If this is a portion of the structure is in an area with stagnant water or water is the water in the excavated area, the Engineer-in-charge shall be responsible for the removal of water by 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 and private propriety during the course of execution shall be the sole responsibility of the contractor and shall have to be fully compensated by him at his own cost in all cases, including cartage of material, if required, and the Engineer-in-charge shall be held responsible for any	14.52	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(1 cement:6sand:12graded stone agg.40mm nominal size).	7.57	Cum		Per Cubic Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 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 40 mm(forty milimetre) nominal size)	87.01	Cum		Per Cubic Metre	
5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm (five centimetre to twenty centimetre), in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-Charge.	2.53	Cum		Per Cubic Metre	
6	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.	30.00	Rmt		Each	
					Total	


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

SCHEDULE OF QUANTITY

Estimated Cost:- 2,91,497.00

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

Earnest Money :- 6,000.00

Name of Work :-C/O Kawanti to Padhar road Km 0/00 to 2/700(SH:- Widening of road in Km. 0/975 to 1/435).

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 by mechanical means (Hydraulic excavator) - manual means over areas(exceeding 300m. in depth, 1.5 m in width or 10 sqm on plan), including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m lift upto 1.5m. as per the directions of the Engineer-in-Charge. I. Ordinary Rock.	1240.15	Cum		Per Cubic Metre	
					Total	


Executive Engineer.
Shimla Division No.I,
HP PW D Shimla-3.

Name of Work

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SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 28,000.00	
Name of Work :- A/R & M/O to Type-VI set No.9 at Mehli Shimla-9 (SH: Supplying of Furniture in Type-VI set No.9 (Allotted to Sec.Home) at Mehli Shimla-9).				Earnest Money :- 600.00	
No.9 (Allotted to Sec.Home) at Mehli Shimla-9).				Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Amount
			In figures	In words	
1	Supplying and fixing hard top wooden dinning table with frame in first class teak wood finished with melamine polish including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Four seater	1.00	No 9200.00		
2	Supplying and fixing teak wood Dinning chairs with cusioned seat finished with melamine Polish. Hard wood back including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos 4700.00		
				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-1, H.P.P.W.D., SHIMLA-3.			Estimated Cost:-99,900.00			
Name of Work :- A/R & M/O to various under Baldeyan Section (SH: Supplying and stacking of crusher sand for smooth flow to traffic in snow bound area.Baldeyan to Dharampur road in Km. 0/00 to 10/00, Baldeyan to Dharampur road in Km. 0/00 to 4/720, Baldeyan to Cragnano road Km. 0/00 to 2/000).			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	Supplying and stacking at site of work clean crusher sand which should be hard durable chemically inert, clean and free from adherent coating particles of miscashells and organic matters and should not contained impurities, such as iron pyrites, alkalies, salt laminated or other material which from quality of and adversely its harenning and strength diability or the appearance of the mortar. The amount of deleterious substances shall not exceed 4% ease of day fine silt and fine dust complete in all respect of stacks as per instructions of the Engineer-in-Charge.	111.00 Cum			Per Cubic Metre	
						Total

CONDITIONS:

1. The crusher sand should be supply from approved quarry.
2. Measurement will be made as per P.W.D.. specification.

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:-99,900.00	
Name of Work :- A/R & M/O to various under Baldeyan Section (SH: Supplying and stacking of crusher sand for smooth flow to traffic in snow bound area. i) Shimla Mandi road Km. 6/00 to 22/0000).					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	Supplying and stacking at site of work clean crusher sand which should be hard durable chemically inert, clean and free from adherent coating particles of miscashells and organic matters and should not contained impurities, such as iron pyrites, alkalies, soft laminated or other material which from quality of and adversely its harenig and strength durability or the appearance of the mortar. The amount of deleterious sub stances shall not exceed 4% case of clay fine silt and fine dust complete in all respect of stacks as per instructions of the Engineer-in-Charge.	111.00	Cum		Per Cubic Metre	
					Total	

CONDITIONS:

1. The crusher sand should be supply from approved quarry.
2. Measurement will be made as per P.W.D.. specification.


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. Estimated Cost:-99,900.00

Name of Work :- A/R & M/O to various under Mashobra Section (SH: Supplying and stacking of crusher sand for smooth flow to traffic in snow bound area. i) Purani Koti to Ghorana road Km. 0/00 to 3/00, Mashobra to Cragnano road Km. 0/00 to 4/00 and Woodrina to Shishukendra road Km. 0/00 to 1/400) 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	Supplying and stacking at site of work clean crusher sand which should be hard durable chemically inert, clean and free from adherent coating particles of miscashells and organic matters and should not contained impurities, such as iron pyrites, alkalies, salt laminated or other material which from quality of and adversely its harenig and strength durability or the appearance of the mortar. The amount of deleterious substances shall not exceed 4% case of day fine silt and fine dust complete in all respect of stacks as per instructions of the Engineer-in-Charge.	111.00 Cum			Per Cubic Metre	
Total						

CONDITIONS:

1. The crusher sand should be supply from approved quarry.
2. Measurement will be made as per P.W.D., specification.

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 99,000.00		
Name of Work :- R/O rain damages to various under Baldeyan Section under Shimla Sub Division (SH: Hiring of excavator-cum-loader for removal of snow from Shimla Mandi road Km. 6/00 to 22/000).				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	Hiring of excavator-cum-loader for removal of snow, debris and dressing of berms including coat of fuel oil, lubricants, wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lift and lift work shall be executed as per the direction of Engineer-in-Charge.	99.00	Hour		Per Hour	
						Total

CONDITION:

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

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No.1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 99,000.00		
Name of Work :- R/O rian damages to various under Baldeyan Section under Shimla Sub Division W.H.S.H: Hiring of excavator-cum-loader for removal of snow from Baldeyan to Dharampur road in Km. 0/00 to 10/00, Baldeyan to Shannel road Km. 0/00 to 4/720).				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	Hiring of excavator-cum-loader for removal of snow,debris and dressing of berms including coat of fuel oil, lubricants, wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lift and lift work shall be executed as per the direction of Engineer-in-Charge.	99.00	Hour		per Hour	
						Total

CONDITION:

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

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 99,000.00			
Name of Work :- R/O rain damages to various under Mashobra Section under Shimla Sub Division			Earnest Money :-2,000.00			
Work (SH): Hiring of excavator-cum-loader for removal of snow on Purani Koti to Ghorna road in Km. 0/00 to 3/00, Mashobra to Seepur road Km. 0/00 to 2/750 and Mashobra Cragnano road Km. 0/00 to 4/00).			Time:- 30 Days.			
Sl No	Description of Work / Item (S)	No of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Hiring of excavator-cum-loader for removal of snow,debris and dressing of berms including coat of fuel oil, lubricants, wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lift and lift work shall be executed as per the direction of Engineer-in-Charge.	99.00	1 hour		Per Hour	
						Total

CONDITION:

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


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

DRAFT SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Estimated Cost:- 88,555.00

Name of Work :- A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH: Renovation of toilet,

Earnest Money :- 1,800.00

Painting/ Distempering and minor repair work in type-I set No.3 at Kasumpti.

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 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.	10.71	Sqm	17.35			
2	Demolition above G.L. upto all floor level including 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 more than 15cm. Thickness.	1.17	Cum	433.10			
3	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 Kg.(Two point seventy five Kilogram) of cement per Sq.metre of floor area before laying cement concrete flooring including roughening, cleaning of the concrete surfaces complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.52	Sqm	19.45			
4	Providing and laying Ceramic digital tiles in grey/coloured or of approved shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3(1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Nitco/Kajaria Make or Equal)	4.19	Sqm.	755.10			
5	Providing and laying Ceramic tiles (300x300mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3(1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Nitco Make or Equal)	6.52	Sqm.	1094.60			
6	Disposal of demolish concrete complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Cum	300.00			
7	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore.	4.00	Rmt	126.40			

19	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets 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.	1.00	No
20	Providing and fixing P.V.C connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. A)300/450mm length :- i)15mm nominal bore	2.00	Nos
21	Providing and fixing C.P.Brass waste and plug for glazed ware sinks, basins, etc. with long screwed shank and fly nut and fixed to steel pipe including vulcanite plug, brass chain and stud including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32mm nominal bore	1.00	No
22	Providing and fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No
23	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. SEEKO	4.00	Nos
24	Providing and fixing C.P. Bras pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia. SEEKO	1.00	No
25	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.	1.00	No
26	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 750mm x 20mm	1.00	No
27	Providing and fixing PVC Arcylic corner shelf complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No
28	Providing and fixing brass bib tap (Superior or heavy type) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm dia SEEKO	2.00	Nos
29	Providing and fixing Ealuminium Channel for glass shutter sliding complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.50	Rmt
30	Supplying and fixing glass panel in E aluminium channel including rehu roller for sliding smoothly and stickers complete in all respect (E channel paid seprately) : Plain glass : 4 mm thick including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.45	Sqm

31	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.	1.00	No
32	Providing and fixing cast iron 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	2.00	Nos
33	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	2.00	Rmt
34	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.	1.00	No
35	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	1.00	No
36	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all metres lead upto dumping site which will be arranged by contractor him self including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In cement mortar.	0.41	Cum
37	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 2nd class Deodar wood.	0.0009	Cum
38	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd class deodar wood.	1.79	Sqm
39	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 40mm thick 2nd class deodar wood.	1.79	Sqm
40	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	2.00	Nos

41	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	1.00	No
42	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
43	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
44	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.	100.00	Sqm
45	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade.on decorated wall surfaces to give an even shade.after thoroughly brushing the surface lean of all grease,dirt,loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm
46	Extra over item No. 45 for every sub sequent coat of distempering with oil bound washable distemper of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm
47	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.	100.00	Sqm.
48	Painting one coat(excluding priming coat)on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)With white enemal paint.	50.00	Sqm.
	ii) With enamel paint other than white.	50.00	Sqm
49	Extra over item No. 48 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)With white enemal paint	25.00	Sqm.
	ii) With enamel paint other than white.	25.00	Sqm.

50	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm
51	Extra over item No. 50 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm
52	Providing and fixing 10mm thick antiskid water proof stain and impact resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1cement:3sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.48	Sqm

DNIT

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Estimated Cost:-96,795.00
Earnest Money :- 2,000.00

Name of Work :- A/R & M/O various quarters at Sub-Division Kasumpti Shimla-9 (SH: Providing and fixing floor tiles and minor repair work in servant quarter No.35 to 40 at Brock Hurst Kasumpti Shimla-9)

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No of Qty.	Estimated Rate	Unit	Amount
			In figures	In words	
1	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).	0.43	Cum	Per Cubic Metre	
2	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 300x300mm (three hundred into three hundred millimetre)	44.95	Sqm	Per Square Metre	
3	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	300.00	Sqm	Per Square Metre	
	b) With enamel paint other than white	150.00	Sqm	Per Square Metre	
4	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	150.00	Sqm	Per Square Metre	
	(b) With enamel paint other than white	75.00	Sqm	Per Square Metre	

5	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	100.00	Sqm			Per Square Metre	
6	Extra over item No. 5 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm			Per Square Metre	
7	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	300.00	Sqm			Per Square Metre	
8	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	300.00	Sqm			Per Square Metre	
						Total	

Executive Engineer,
Shimla Division No.1,
H.P. PWD Shimla-5.