

Himachal Pradesh  
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2022-2023-

14730-31

Dated:- 11-10-2022

To


The Executive Engineer (IT Cell)  
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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

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

Copy forwarded to for further necessary action please.

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

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

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

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

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

19-10-2022 upto 4:00 PM  
20-10-2022 upto 4:00 PM  
21-10-2022 up to 10:30 AM  
21-10-2022 up to 11:00 A

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	A/R & M/O to various type-III & type-IV GAD at parimahal Kasumpti Shimla-9 (SH;- Providing and fixing PVC flooring in type-III set No.56)(Parimahal section).	80850/-	1600/-	350/-	60 days	Class-D
2	R/O rain damages on various road under Baldeyan section (SH;- Removal of slips on Shimla Mandi Tattapani road km. 17/00 to 22/00 & link road from Shimla Mandi Tattapani to HIPA).	99481/-	2000/-	350/-	30 days	Class-D
3	Improvement of Shimla Mandi road km. 6/00 to 22/00 (SH;- Maintenance earthen shoulder drain in km. 14/00 to 22/00).	493600/-	9900/-	350/-	30 days	Class-D
4	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Repair of kitchen to type-I set No.10 at Kasumpti Shimla)	218382/-	4400/-	350/-	60 days	Class-D
5	Improvement and widening of Bhatta Kuffer koti road km. 0/00 to 6/00 (SH;- C/O Retaining wall at Rd. 5/170 to 5/181).	449245/-	9000/-	350/-	30 days	Class-D
6	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH;- Providing and fixing of Granite, Sanitary fixers carpet, polycarbonate sheet and painting and minor repair work in House No.2 F.F at Brock Hurst Kasumpti Shimla-9).	374731/-	7500/-	350/-	60 days	Class-D
7	A/R & M/O to various residence qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Providing and fixing polycarbonate sheet in type-I set No. 210,11,212,213,216,217,218,219 and railing in type-V set No.15 to 18 at Kasumpti Shimla-9).	398100/-	8000/-	350/-	30 days	Class-D
8	A/R & M/O to various type-I to type-VI qtrs of Health Department at parimahal Kasumpti Shimla-9 (SH;- Repair work in toilet ,bathroom, P/F cup board , P/F wooden windows, white washing/Distempering etc in type-I set No. 3 of health Department at parimahal section).	258469/-	58200/-	350/-	60 days	Class-D
9	A/R & M/R to various residential qtrs type-I to VI at Mehli Kasumpti Shimla-9 (SH;- providing and laying PVC flooring in type-VI at Kasumpti Shimla-9).	98669/-	2000/-	350/-	30 days	Class-D
10	C/O Library Art & Craft Room and computer Room for GSSS janedghat Distt Shimla Under RMSA (SH;- C/O site development cutting in earth work & providing edge wall).	486960/-	9800/-	350/-	30 days	Class-D
11	C/O Library Art & Craft Room and computer Room for GSSS janedghat Distt Shimla Under RMSA (SH;- P/L vitrified flooring tile, cement concrete 1:1.5:3 Railing and Cup board etc).	499955/-	10000/-	350/-	30 days	Class-D
12	Construction of from APG University to village Kawara km. 0/00 to 0/450 (SH;- C/O RCC hume pipe P2 culvert at Rd. 0/025).	454283/-	9100/-	350/-	30 days	Class-D
13	C/O from APG University to village kawara km. 0/00 to 0/450 (SH;- C/O RCC Hume pipe culvert Toe wall at Rd. 0/015).	468173/-	9400/-	350/-	30 days	Class-D
14	A/R & M/O SIHFW Hostel Building at parimahal Kasumpti Shimla-9 (SH;- P/L wewer line, C/O mainhole/inspection chamber ,P/L chakerred tiles & wall tiles in Hostel building of SIHFW at parimahal ).	206198/-	4200/-	350/-	60 days	Class-D
15	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH;- painting Distempering work in various Vacation /due sets at kasumpti Shimla-9).	95100/-	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.

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

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


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

Copy forwarded to :-

14732-49

Dated :- 11-10-2022

5. Copy to the Deputy Commissioner Shimla Distt. Shimla.
6. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
7. Copy to the Sub Divisional Magistrate (U) Shimla.
8. Copy to the Sub Divisional Magistrate (R) Shimla.
9. Copy to Municipal committee Shimla Distt. Shimla.
10. Copy to Block Development officer Mashobra Distt. Shimla.
11. All the Assistant Engineers under this Division, HPPWD Shimla-3.
12. Superintendent / HDM / DAO.
13. 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:- 80,850.00

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

Earnest Money :- 1,600.00

Providing and fixing PVC flooring in type-III Set No.56 )(Parimehal section)

Time:- One Month.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 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.	49.00	Sqm			Per Square Metre	
2	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY						
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 99,481.00	
Name of Work :- R/O rain damages on various road under Baldeyan section (SH: Removal of slips on Shimla Mandi Tattapani road Km. 17/00 to 22/00 & link road from Shimla Mandi Tattapani to HIPA ).					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	
I	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slope and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	684.00	Cum			Per Cubic Metre
						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.I,  
HP PWD Shimla-3.

## SCHEDULE OF QUANTITY

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

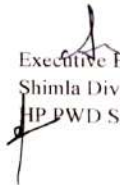
**Estimated Cost:-** 4,93,600.00

**Name of Work :-** Improvement of Shimla Mandi road Km. 6/00 to 22/00 (SH:- Maintenance earthen shoulder drain in Km. 14/00 to 22/00 ).

**Earnest Money :-** 9,900.00

**Time:-** 30 Days.

Sr.No	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 approproese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	14400.00	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.	8000.00	Rmt		Per Running Metre	
					<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,18,382.00	
Name of Work :- A/R & M/O various residential Qtrs. type I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen to Type-I set No.10 at Kasumpti Shimla).						Earnest Money :- 4,400.00	
						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 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	6.30	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).	0.63	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.	0.06	Cum			Per Cubic Metre	
5	Dismantling cement asbestos celotax/hard board in ceiling or partition wall including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (Frame work such as joists, beams to be measured and paid for separately) 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 unserviceable materials within 50 (fifty) 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 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.	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 milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight milimetre) thick	70.84	Sqm.			Per Square Metre	
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	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 x 510 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 C.P. brass wash basin mixture in approved quality including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
16	Providing and fixing angle cock 15mm without wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
17	Providing and fixing C.P. connection pipe with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 45 cms length (a) 15mm nominal bore	5.00	Nos			Each	



18	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.	11.00	Rmt			Per Running Metre	
19	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	
20	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	Kgs.			Per Kilogram	
21	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 milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.80	Cum			Per Cubic Metre	
22	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1st Class Deodar Wood.	15.00	Rmt			Per Running Metre	
23	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	1.62	Sqm			Per Square Metre	
24	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)40mm thick 2nd class deodar wood	1.62	Sqm			Per Square Metre	
25	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	30.00	Sqm			Per Square Metre	

26	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)With white enamel paint.	30.00	Sqm			Per Square Metre	
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.	15.00	Sqm			Per Square Metre	
28	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.	3.60	Sqm			Per Square Metre	
29	Providing and fixing 19mm thick commercial board water proof shutters for up 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.	6.88	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.	20.00	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	45.00	Rmt			Per Running Metre	
32	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	
33	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given 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 white enamel paint.	30.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	15.00	Sqm			Per Square Metre	

34	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.	50.00	Sqm.			Per Square Metre	
	(b) With enamel paint other than white.	7.00	Sqm.			Per Square Metre	
						<b>Total</b>	

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





## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,49,245.00	
NAME OF WORK:- Improvement and widening of Bhatta Kuffar Koti road Km.0/00 to 6/00 (SH: C/O Retaining Wall at RD. 5/170 to 5/181)						Earnest Money :- 9,000.00	
						Time:- One Month	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	32.34	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	19.36	Cum			Per Cubic Metre	



3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty milimetre) nominal size)	91.74	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	7.084	Cum			Per Cubic Metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	22.00	Rmt			Per Running Metre	

  
 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:-3,74,731 .00	
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Providing and fixing of Granite, Sanitary fixers, carpet, Polycarbonate sheet and Painting and minor repair work in House No.2 F.F. at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 7,500.00	
						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 milimetre)	3.35	Sqm			Per Square Metre	
2	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.	3.00	Cum			Per Cubic Metre	
3	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.	6.00	Rmt			Per Running Metre	
4	Providing and laying granite work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement: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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Sqm			Per Square Metre	
5	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.	1.00	No.			Each	
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 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. One piece OPC SLS-WHT-6851522OPP single piece-WC 2205 with it seat cover and all accessories. CERA with it seat cover and all accessories. Hindware.	3.00	Nos			Each	
7	Providing and fixing health faucet with pipe and hooke including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make essess cat No.C-232Y Pura lite HF.	1.00	No			Each	

8	Providing and fixing Viking Glass corner complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make Viking.	3.00	Nos			Each	
9	Providing and fixing Viking Glass shelf complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make Viking.	1.00	No			Each	
10	Providing and fixing moulded triangle edged cover fillets (corner) 40mmx20mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1st class kail wood	180.00	Rmt			Per Running Metre	
11	Extra for marble work for nosing/ corner strength over plain marble work including returned moulded ends and angles to mouldings etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Rmt			Per Running Metre	
12	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	238.00	Kgs.			Per Kilo-gram	
13	Providing and fixing HDF decorative laminated coir board Graman floor AC-4 32.8mm thick placed on cushion of 2mm thick expanded poly thene foam 100 micron thick polythene under layer including boarder of required shade and colour complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Labour rate)	72.00	Sqm			Per Square Metre	
14	Providing and fixing polycarbonated transparent sheet 1.50mm thick in lining with galvanised self driven screws complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	21.00	Sqm			Per Square Metre	
15	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	
16	Providing and fixing 25mm diameter stainless steel curtain rods with brackets and plugs etc. where ever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.000	Rmt			Per Running Metre	
17	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	
18	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm.			Per Square Metre	



19	Wall painting(one coat)with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	350.00	Sqm			Per Square Metre	
20	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 material in all leads and lifts as per direction of the Engineer-in-charge.(a)With enamel paint other than white. (SATIN MATT FINSH PAINT)	350.00	Sqm.			Per Square Metre	
21	Polishing one coat with french polish of required shade on old wood and wood based surface to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
22	Applying sprit or oil stains (any colour) on new wood and wood based surfaces to given an even surface including cleaning the surfaces of all,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm			Per Square Metre	
23	Applying three coat of seclar filling on new wood and new wood based surfaces to given an even surface including cleaning the surface of alkl dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	20.00	Sqm.			Per Square Metre	
24	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm.			Per Square Metre	
25	Supplying and fixing welding mesh to wood or steel members in partitions etc. Weight exceeding 3 kg. and not exceeding 5 Kg. per Sqm.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.70	Sqm			Per Square Metre	
26	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign maters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With Enamel paint other than white.	20.00	Sqm			Per Square Metre	

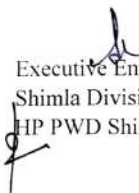


27	Providing and fixing Modular kitchen accessories with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15x22x8" Plain	2.00	Nos			Each	
28	Providing and fixing 22" Telescopic Runner for modular cup boards complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.00	Pair			Per Pair	
29	Providing and fixing 6mm thick teak ply of standard quality and of approved shade & design wall lining including fixing with approved adhesive, butt jointing and nails & screws complete (Base frame work to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.00	Sqm			Per Square Metre	
30	Providing and fixing G.I. wire mesh 85G or 0.56 dia wire in aluminium window, ventilator shutters etc. with PVC/Neoprens gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge (cost of aluminium snap beading shall be paid in basic item) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.80	Sqm			Per Square Metre	
31	Providing and fixing of wardrobe lock complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
32	Providing and fixing wooven carpet of superior quality in all shade and colour of approved sample having 8mm thickness and 1700grams weight per square metre laid on cushion of 8mm thick expanded poly thene foam 100 micron thick polythene under layer on floor with approved adhesive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00	Sqm			Per Square Metre	
33	Providing and fixing 5mm thick looking mirror of superior quality with back of 19mm thick water proof board including bracket, screws complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.4	Sqm			Per Square Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,98,100.00	
Name of Work :- A/R & M/O to various residence quarter type-I to VI at Kasumpti Shimla-9 (SH: Providing and fixing polycarbonate sheet in type-I set No.210,211,212,213,216,217,218,219 and railing in Type-V set No.15 to 18 at Kasumpti Shimla-9).						Earnest Money :- 8,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	1440.00	Kgs.			Per Kilo-gram	
2	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 new work.	100	Sqm			Per Square Metre	
3	Providing and fixing polycarbonated transparent sheet 1.2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	136.80	Sqm			Per Square Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,58,469.00	
Name of Work :- A/R & M/O to various Type-I to Type-VI Qtrs. of Health Department at Parimahal, Kasumpti, Shimla-9 (SH: Repair work in Toilet, Bathroom, P/F Cup board, P/F wooden windows, White washing/Distemping etc. in Type-I set No.3 set of Health Department at Parimahal Section).						Earnest Money :- 5,200.00	
						Time:- 60 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)	0.35	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 directions of the Engineer-in-Charge. (i)For thickness of tiles 10 mm to 25 mm	14.64	Sqm			Per Square Metre	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	3.00	Nos			Each	
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(1cement:2 coarse sand:4graded stone aggregate 20mm nominal size)	0.18	Cum			Per Cubic Metre	
5	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.	1.17	Sqm			Per Square Metre	
6	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	17.39	Sqm			Per Square Metre	
7	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	




8	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore	1.00	No			Each	
9	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore with 45cm length.	5.00	Nos			Each	
10	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Flexible pipe (a) 32mm dia	2.00	Nos			Each	
11	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
12	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	2.00	Nos			Each	
13	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 directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	4.00	Rmt			Per Running Metre	
14	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	150.00	Rmt			Per Running Metre	
15	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	10.00	Nos			Each	
16	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	1.00	No			Each	
17	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood	4.52	Sqm			Per Square Metre	
18	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood	3.39	Sqm			Per Square Metre	



19	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	28.00	Nos			Each	
	(ii) 200x10mm	1.00	No			Each	
20	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 125mm	14.00	Nos			Each	
21	Providing and fixing bright finished brass hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 200mm	6.00	Nos			Each	
22	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.	26.78	Sqm			Per Square Metre	
23	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.92	Sqm			Per Square Metre	
24	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.	15.52	Sqm			Per Square Metre	
25	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	8.21	Sqm			Per Square Metre	
26	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	57.08	Rmt			Per Running Metre	
27	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.	19.00	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	19.00	Nos			Each	
29	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	73.29	Sqm			Per Square Metre	

30	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.	73.29	Sqm			Per Square Metre	
31	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	31.12	Sqm			Per Square Metre	
32	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.	55.63	Sqm			Per Square Metre	
33	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.	45.91	Sqm			Per Square Metre	
34	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.	55.63	Sqm			Per Square Metre	
35	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	0.257	Cum			Per Cubic Metre	
36	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	
37	Scaffolding in building side including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.80	Sqm			Per Square Metre	
38	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, framed guards bars ladders, railing, brackets and similar work.	50.16	Kgs.			Per Kilo-gram.	

39	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	2.82	Sqm.			Per Square Metre	
40	Providing and fixing M.S. sliding door bolts bright finished or/and black enamelled with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16 mm (Two hundred fifty into sixteen milimetre)	1.00	No			Each	
41	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	
42	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	
43	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.	3.84	Sqm			Per Square Metre	
44	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore.	4.00	No			Each	
						<b>Total</b>	


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

4



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 98,669.00	
Name of Work :- A/R & M/O to various RESIDENTIAL Qtrs type-I to VI at Mehli Kasumpti Shimla -9 (SH: Providing and Laying PVC flooring in type-VI at Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- One Month.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic metalised finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) Make I.G including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	93.97	Sqm			Per Square Metre	
						<b>Total</b>	


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



## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 4,86,960.00		
Name of Work :- Construction of Library Art & Craft Room and Computer Room for GSSS Janedghat Distt Shimla Under RMSA ( SH:- C/O Site development ,Cutting in earth work & Providing edge wall ).					Earnest Money :-9,800.00		
					Time:- 30 Days.		
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	227.68	Cum			Per Cubic Metre	
2	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	30.85	Cum			Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centring 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.(a) Cement Mortar 1:5:10(One cement : five sand : ten graded stone agg.40mm nominal size).	6.76	Cum			Per Cubic Metre	

4	Providing and laying cement concrete in superstructure 1:2:4 (one cement; two sand; four graded stone agg 20mm nominal size) and curing complete excluding cost of form work including cartage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	66.72	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 :- 4,99,955.00
Name of Work :- Construction of Library Art & Craft Room and Computer Room for GSSS	Earnest Money :- 10,000.00
Janodghat Distt Shimla Under RMSA ( SH:- Providing & Laying Vitrified flooring tile , Cement Concrete 1:1.5:3,Railing and Cup board etc).	Time:- 30 Days.

Sr No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	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 : 3 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 millimetres)	121.94	Sqm			Per Square Metre	
2	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size)	8.74	Cum			Per Cubic Metre	
3	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.	13.98	Sqm			Per Square Metre	
4	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.	6.13	Sqm			Per Square Metre	
5	Providing and fixing 19mm thick commercial board water proof shutters for up 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.	5.71	Sqm			Per Square Metre	
6	Providing and fixing 100mm 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	5.71	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) 1st class deodar wood	0.06	Cum		Per Cubic Metre	
8	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) 75mm	16.00	Nos		Each	
9	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.	16.00	Nos		Each	
10	Providing and fixing oxidized M.S. hasps and staple for cup board 90 mm (Nine millimetre) size with necessary screws etc complete. The rate is inclusive for carriage of materials within all leads, lifts and other incidentals.	8.00	Nos		Each	
11	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint. (a) In gratings, framed guards bars ladders, railing, brackets and similar work.	2050.00	kg		Per Kilogramme	
12	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint. brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters: a) Enamel white paint	82.50	Sqm		Per Square Metre	
					<b>Total</b>	

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

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 4,54,283.00			
Name of Work :- Construction of from APG University to Village Kawara km 0/00 to 0/450 (				Earnest Money :- 9,100.00			
SH:- C/O RCC Hume pipe NP2 culvert at Rd 0/015).				Time:- 30 Days.			
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, 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 MORI 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 shoring 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	71.91	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain reinforced concrete in open foundations complete including shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand: ten graded stone agg. 40mm (forty millimetre) nominal size).	4.22	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:6(One cement:three sand: six graded stone agg. 20mm (twenty millimetre) nominal size).	70.36	Cum			Per Cubic Metre	
4	Providing and laying reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection work, back filling.	7.50	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:- 4,62,173.00

Name of Work :- C/O from APG University to Village Kawara km 0/00 to 0/450 ( SH:- C/O RCC

Earnest Money :- 9,400.00

Hume pipe culvert Toe wall at Rd 0/015).

Time:- 30 Days.

Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling wedging out of rocks (where blasting is prohibited) as per drawing and MORI 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.	57.96	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete including shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement:five sand:Ten graded stone agg. 40mm (forty millimetre) nominal size).	3.27	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:3:6(One cement:three sand:six graded stone agg 20mm (twenty millimetre) nominal size).	73.88	Cum			Per Cubic Metre	
4	Providing sweep 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.	30.00	Rmt			Per Running Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	20.66	Cum			Per Cubic Metre	
						Total	

13

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



## SCHEDULE OF QUANTITY

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

**Estimated Cost:-** 2,06,198.00

**Name of Work :-** A/R & M/O SIHFV Hostel Building at Parimahal, Kasumpti, Shimla-9 (SH: P/L Sewer line, C/O mainhole/inspection chamber, P/L Checkerred tiles & wall tiles in Hostel Building of SIHFV at Parimahal).

**Earnest Money :-** 4,200.00

**Time:-** 60 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 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:4:8 or richer mix (i/c equivalent design mix).	1.50	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i)All kinds of soil	4.20	Cum			Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	6.37	Cum			Per Cubic Metre	
4	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : (a) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	No			Each	

5	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with common burnt clay building bricks in cement mortar 1:4 (one cement : four sand ) C.I. Cover with frame (light duty ) 455mm x 610mm(four hundred fifty five milimetre into six hundred ten milimetre) internal dimensions total weight of cover with frame to be not less than 38kg (weight of cover 23 kg. and weight of frame 15kg) R.C.C top slab with 1:1.5:3 mix (one cement : one point five sand : three graded stone aggregate 20mm(twenty milimetre) nominal size ) foundation concrete 1:5:10 ( one cement : five sand : ten graded stone aggregate 40mm(forty milimetre) nominal size) inside plaster 15mm (fifteen milimetre)thick with cement mortar 1:3 (one cement : three sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Inside dimensions 450 mm x610mm and 45 cm (four hundred fifty milimetre into six hundred ten milimetre and forty five centimetre) deep for pipe line with common burnt clay F.P.S. (non modular) bricks of class designation 7.5.	1.00	Nos			Each	
6	Providing and fixing square-mouth S.W. gully trap class SP-I complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	No			Each	
7	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)110mm dia.	5.00	Rmt			Per Running Metre	
	(ii) 90 mm dia	3.00	Rmt			Per Running Metre	
	(iii) 150mm dia	8.00	Rmt			Per Running Metre	
8	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	No			Each	
	(ii) 90 mm dia	1.00	No			Each	
9	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) 110 mm dia.	2.00	Nos			Each	

	(ii) 90 mm dia	2.00	Nos			Each	
	(iii) 150mm dia	2.00	Nos			Each	
10	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	No			Each	
	(ii) 90 mm dia	1.00	No			Each	
	(iii) 150mm dia	1.00	No			Each	
11	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	1.00	No			Each	
12	Providing under layer for plinth protection of 75mm thick (unconsolidated) bed dry brick/ stone aggregated 40mm nominals ize with rammed and consolidated and grouted with fine sand including preparation of ground including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	44.90	Sqm			Per Square Metre	
13	Providing and fixing Chequered tiles flooring laid on 20 mm thick with marble chips of specified sizes laid in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (1 cement :6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles (wherever required) including rubbing and polishing complete with tiles of following shades including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick block MAKE NTC OR EQUIVALENT.	44.90	Sqm			Per Square Metre	
14	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm. including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight milimetre) thick	46.35	Sqm			Per Square Metre	
15	Raising manhole cover and frame slab to required level including dismantling existing slab and making good the damage as required (Raising depth of manhole to be paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Rectangular manhole 90x80cm with rectangular cover 600x450mm of grade LD-2.5	1.00	No			Each	



16	Repair to plaster in patches of 2.50 square meter under and upto 12 to 20mm thick including cutting the patch in proper shape and re-plastering the surface of wall including disposal to the dumping ground with a lead of 10 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:5(1cement:5sand).	5.00	Sqm			Per Square Metre	
17	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	655.00	Sqm			Per Square Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

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

**Estimated Cost:- 95,100.00**

**Name of Work :-** A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Painting/

**Earnest Money :- 2,000.00**

**Distempering work in various Vacation/due sets at Kasumpti Shimla-9)**

**Time:- 30 Days.**

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

15

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

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