

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 1202-03 Dated:- 23/04/22

To


The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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


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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

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

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

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

29-04-2022 upto 4:00 PM
30-04-2022 upto 4:00 PM
02-05-2022 up to 10:30 AM
02-05-2022 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	Special grant for Kasumpti Constituency (SH:- Repair of patches work in various in various RDs under Mashobra section).	498977/-	10000/-	350/-	30 days	Class-D
2	Special grant for Kasumpti Constituency (SH:- Repair of patches work in various road (i) Mashobra Bekhality RDs. 14/00 to 18/00(ii) Woodrina to Shishu Kedra RDs 0/00 to 1/200).	487879/-	9800/-	350/-	30 days	Class-D
3	A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH:- Cup board work in kitch, sanitary fixers and minor repair work in type-V set No.14,II-18, III-168, II-29 and type-IV set No.46 at Kasumpti Shimla-9).	117806/-	2000/-	350/-	60 days	Class-D
4	A/R & M/O to various residential qtrs at Brock Hurst Shimla-2 (SH:- Providing and fixing curtain, supplying of mattress and carpet in House No.1 G.F at Brock Hurst Shimla-2).	99665/-	2000/-	350/-	60 days	Class-D
5	Improvement and widening on Cheog to Dharech road km. 0/00 to 7/400 (SH:- C/O B/wall at Rd. 5/030 to 5/042).	248401	5000/-	350/-	30 days	Class-D
6	Improvement & Wideing of Chotta Shimla Kasumpti road (SH:- C/O Breast wall opposite to Govt. Senior secondary school chotta Shimla Kasumpti	348292/-	7000/-	350/-	30 days	Class-D
7	Improvement & Widening of Chotta Shimla to Panthghatti road (SH:- C/O Footpath in chotta Shimla to Panthaghatti road at RD. 0/840 to 0/860).	279150/-	5600/-	350/-	60 days	Class-D
8	Improvement and Widening on Baldeyan to Dharampur road km. 0/00 to 10/00 (SH:- C/O R/wall at Rd. 1/260 to 1/264.10).	89451/-	1800/-	350/-	30 days	Class-D
9	Improvement and widening of Chotta Shimla Kasumpti Panthghatti road (Falling of dry /green standing tree & conversion of longs into sleeper/fuel wood etc & stacking in PWD store).	91200/-	1900/-	350/-	30 days	Class-D
10	A/R & M/O to various type-III & Type-IV GAD qtrs at parimahal Kasumpti Shimla-9 (SH:- Repair of toilets , P/F tiles and Baroda Green Marble in kitchen, P/F cup board , etc in type-IV set nO.62 etc under Parimahal section).	269095/-	5400/-	350/-	30 days	Class-D
11	Improvement and widening of Chotta Shimla Kasumpti Panthghatti road (Falling of dry /green standing tree & conversion of longs into sleeper/fuel wood etc & stacking in PWD store).	237300/-	4800/-	350/-	60 days	Class-D
12	Special repair of I.T. Bhwan at Mehli Kasumpti Shimla (SH:- P/F Indian seat in Indian seat ladies toilet and repair of toilet due to seepage of walls (floors etc in I.T.Bhawan Mehli Shimla)	291000/-	5900/-	350/-	60 days	Class-D
13	C/O Shiv Mandir to Shakti Vihar road km. 0/00 to 1/500 (SH:- Repair of V.shape drain between Rd. 0/125 to 0/635 under parimahal section).	182778/-	3700/-	350/-	60 days	Class-D
14	A/R & M./O to type-VI qtrs at Mehli Kasumpti (SH:- Repair of toilet painting Distempering and tile work and accessories set No.15 type-VI Mehli Kasumpti Shimla)	187207/-	3800/-	350/-	60 days	Class-D
15	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- Change of damaged wooden flooring into tile flooring in type-IV set No.30 at Kasumpti Shimla-9).	222091/-	4500/-	350/-	60 days	Class-D
16	A/R & M/O to various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- Repair of kitchen in type-I set nO.5 at Kasumpti Shimla).	120852/-	2500/-	350/-	60 days	Class-D
17	A/R & M/O to various residence qtr under Kasumpti Sub Division Shimla-9 (SH:- Providing and fixing Broda Green marble in servant qtr 1 to 16 at Brock Hurst Shimla.)	92160/-	1900/-	350/-	60 days	Class-D
18	Improvement & widening on kufri chail road km. 0/00 to 25/00 (SH:- C/O B/wall on RD. 0/850).	362035/-	7300/-	350/-	30 days	Class-D
19	Construction of road from Bhatt Kufer to IGM C Phase-II km. 0/00 to 2/400 in District Shimla (HP)(SH:- Preparation of detail project report, Survey by digital plan & CBR value etc).	65100/-	1300/-	350/-	30 days	Class-D
20	Construction of road from Kelti to Cheri road km. 0/00 to 3/705 under NABARD in District Shimla (HP)(SH:- Preparation of detail project report, Survey by digital plan & CBR value etc).	98800/-	2000/-	350/-	30 days	Class-D
21	A/R & M/O to various residence quarter at Driver colony Dhalli Shimla (SH:- Repair work of plaster, Brick work, cement concrete steel work and minor repair work in Dirver colony Dhalli Shimla)	124319/-	2500/-	350/-	60 days	Class-D

22	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- Repair of kitchen to type-I set no.8 at Kasumpti Shimla).	149574/-	3000/-	350/-	60 days	Class-D
23	A/R & M/O to various residence qtrs at Brock Hurst Shimla-2 (SH:- Renovation of toilet, bath kitchen and minor repair work in type-III set No.41 at Brock Hurst Kasumpti Shimla-9).	37706/-	800/-	350/-	60 days	Class-D
24	A/R & M/O to various residence qtr type-I to VI at Kasumpti Shimla-9 (SH:- Providing and laying chequered tile in path in type-III set No. 148 to 151 at Mehli Kasumpti Shimla-9).	84720/-	1700/-	350/-	30 days	Class-D
25	A/R & M/O to various residence qtr type-I to VI at Kasumpti Shimla-9 (SH:- Providing and laying chequered tile in path in type-III set No. 113 to 117 at Mehli Kasumpti Shimla-9).	84720/-	1700/-	350/-	60 days	Class-D
26	Metallin g & Tarring on Mashbora to Bhakhlaity road km. 0/00 to 18/360 (SH:- C/O R/wall between km. 3/748 to 3/759).	490258/-	9900/-	350/-	30 days	Class-D
27	A/R & M/O to type-I to VI qtrs at Mehli Kasumpti Shimla (SH:- Providing and fixing ceiling in Ent position and cup board in During Non Woven carpeting in stair set No.11 type-VI at Mehli Kasumpti Shimla).	104227/-	2100/-	350/-	60 days	Class-D
28	A/R & M/O various type-I to Type-VI qtrs of Health Department at Parimahat Kasumpti Shimla-9 (SH:- Repair /renovation of toilet/bath room ad kitchen in DHS residence at parimahat)	179265/-	3600/-	350/-	60 days	Class-D
29	A/R & M/O to type-VI qtrs at Mehli Kasumpti Shimla (SH:- P/F aluminum window in ist floors kitchen cup boards paintings and Distempering etc type-VI set No.19 Mehli Kasumpti Shimla).	431823/-	8700/-	350/-	60 days	Class-D
30	A/R & M/O type-VI set No.12 at Mehli Kasumpti Shimla-9 (SH:- Repair of Toilet ,kitchen painting , Distempering in type-VI set no.12 at Mehli Kasumpti Shimla-9).	449568/-	9000/-	350/-	60 days	Class-D
31	Improvement and widening on Talai to Dehna road km. 0/00 to 5/225 (SH:- C/O R/wall between RD. 4/690 to 4/696).	475285/-	9600/-	350/-	30 days	Class-D
32	Improvement and widening on Talai to Dehna road km. 0/00 to 5/225 (SH:- C/O R/wall between RD. 4/700 to 4/706).	475285/-	9600/-	350/-	30 days	Class-D
33	A/R & M/O to various roads under Shimla Division No-I under Mashobra sub Division (SH:- Repair of patches works in various road in Nauti Thaila in km. 3/00 to 6/00 & Baldeyan to Dharpur road km. 0/00 to 3/00 under Baldeyan section).	486723/-	9800/-	350/-	30 days	Class-D
34	A/R & M/O to various residence qtrs under Kasumpti Shimla-9 (SH:- Renovation of kitchen, toilet, minor repair work in type-IV set No.19 at Brock Hurst Shimla-9).	95992/-	2000/-	350/-	60 days	Class-D

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

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

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

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

Copy forwarded to :-


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

Executive Engineer,
Shimla Division No-I,
HPPWD, Shimla-3.
Dated 23/04/22

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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,98,977.00	
NAME OF WORK:- Special grant for Kasumpti Constituency (SH: Repair of Patches work in various road in various RDs. Under Mashobra Section).						Earnest Money :- 10,000.00	
						Time:- One Month	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 3(three) as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	53.00	Cum			Per Cubic Metre	
2	Repair to pot holes and removal of loose material trimming the sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1575.00	Sqm			Per Square Metre	
						Total	


 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:- 4,87,879.00	
NAME OF WORK:- Special grant for Kasumpti Constituency (SH: Repair of Patches work in various road i) Mashobra Bekhality RDs.14/00 to 18/00 ii) Woodrina to Shishu Kedra RDs 0/00 to 1/200).						Earnest Money :- 9,800.00	
						Time:- One Month	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 3(three) as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Cum			Per Cubic Metre	
2	Repair to pot holes and removal of loose material trimming the sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1560.00	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:- 1,17,806.00

Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Cup board work in Kitchen, Sanitary fixers and minor repair work in Type-V set No. 14, II-18,III-168.141,II-29 and Type-IV set No.46 at Kasumpti Shimla-9).

Earnest Money :- 2,000.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm(One hundred fifty milimetre)) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	2.00	Nos			Each	
2	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	5.00	Nos			Each	
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.	2.40	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.	3.60	Sqm			Per Square Metre	
5	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm			Per Square Metre	
6	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	
7	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	
8	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.	5.40	Sqm			Per Square Metre	


9	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	100.00	Sqm			Per Square Metre	
	b) With enamel paint other than white.	100.00	Sqm			Per Square Metre	
10	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.	50.00	Sqm			Per Square Metre	
11	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	50.00	Sqm			Per Square Metre	
12	Extra over item No. 11 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	25.00	Sqm			Per Square Metre	
13	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.	250.00	Sqm			Per Square Metre	
14	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.	250.00	Sqm			Per Square Metre	
15	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 milimetre)	1.00	Nos			Each	

16	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 milimetre) with bowl depth 200 mm (two hundred milimetre).	1.00	No			Each	
17	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 milimetre) dia	1.00	No			Each	
18	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
19	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	
20	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	Nos			Each	
21	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	4.00	Nos			Each	
22	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.	3.00	Nos			Each	
23	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	5.00	Nos			Each	
24	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	5.00	No			Each	
25	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.	5.00	Nos			Each	
26	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.	5.00	Nos			Each	
27	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	

28	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	
29	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	
30	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	
31	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	
32	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	
33	Providing and fixing 1.50mm(One point five zero milimetre) thick PVC antistatic vinyl Flooring plain or coloured,carbed or mosaic/metalled finish laid with approved adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.MAKE LG	3.00	Sqm			Per Square Metre	
34	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	2.00	Nos			Each	
35	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			Per Running Metre	
36	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	2.00	Nos			Each	

37	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 milimetre) dia	2.00	Nos			Each	
38	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	124.80	Kg.			Per Kilogram	
39	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.	0.72	Sqm			Per Square Metre	
40	Providing and fixing non woven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm(three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhesive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.40	Sqm			Per Square Metre	
41	Providing and fixing 600mmx120mm (six hundred milimetre into one hundred twenty milimetre) 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.	2.00	Nos			Each	
42	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.	2.00	Nos			Each	
43	Providing and fixing PVC Arcylic corner shelf complete.(3 No sets) 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 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

45	Providing and fixing Health faucet with pipe and hook including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
46	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Seiko or Equivalent	1.00	No			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:- 99,665.00

Name of Work :- A/R & M/O to various residential qtrs. at Brock Hurst Shimla-2 (SH: Providing and fixing curtain, supplying of mattress and carpet in House No.1 G.F. at Brock Hurst Shimla-2).

Earnest Money :- 2,000.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and supplying of sleepwell Ortho mattress of specified width and length 6'x3'x5" of approved design and shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Sqm			Per Square Metre	
2	Providing and fixing cotton curtain of superior quality fabrics of standard width 48" of approved design and shade with stain lining of superior quality fabric with specified length and width including stitching tape and curtain rings etc. Stitched length (D-Decor) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.00	Nos			Each	
3	Providing and fixing of wilton wooven carpet 100% dyed, synthetic carpet of 2400 gms/sqm is Pile height, 3000 gm/sqm total weight, Pile height 10mm of approved design and shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.20	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 248401.00		
Name of Work :-Improvement and widening on Cheog to Dharech road km.0/000 to 7/400 (SH: C/O B/Wall at RD. 5/030 to 5/042).					Earnest Money : 5000.00		
					Time:- 30 Days.		
Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	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 MORID 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.	6.84	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).	6.84	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:light graded stone agg.20mm (twenty millimetre) nominal size).	41.16	Cum			Per Cubic Metre	

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,48,292.00	
Name of Work :- Improvement & Widening of Chotta Shimla Kasumpti road (SH: C/O Breast Wall opposite to Govt. Senior Secondary School Chotta Shimla Kasumpti)						Earnest Money :- 7,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	6.30	Cum			Per Cubic Metre	
3	Providing and Laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1. P.C.C nominal mix 1:5:10 (one cement: five sand :ten graded stone aggregate 40 mm (forty milimetre) nominal size).	6.30	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 20 mm(twenty milimetre) nominal size)	70.05	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.	2.10	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.	40.00	Rmt			Per Running Metre	
						Total	


 Executive Engineer,
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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:- 2,79,150.00
Name of Work :- Improvement & Widening of Chotta Shimla to Panthghati road (SH: C/O Footpath in Chotta Shimla to Panthaghatti road at RD. 0/840 to 0/860)							Earnest Money :- 5,600.00
							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) 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	4.80	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)1:5:10 (one cement : five fine sand : ten graded stone aggregate 40 mm(forty milimetre) nominal size)	3.60	Cum			Per Cubic Metre	
	(ii) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	14.40	Cum			Per Cubic Metre	
3	Providing and fixing ISI marked high pressure PVC (finolex) of working pressure not less than 4.5 kg/sqm, waste and ventilating pipes including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)150 mm nominal size :-	200.00	Rmt			Per Running Metre	
4	Providing and fixing cemocrete cover (C.C.) 600mmx 600mm complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	

5	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	600.00	Kg:			Per Kilogram	
						Total	


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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:- 89,451.00

Name of Work : ~~Work on Baldeyan~~ **Work on Baldeyan to Dharampur road km.0/000 to 10/000 (SH: C/O R/Wall between Km. 1/260 to 1/264.10).**

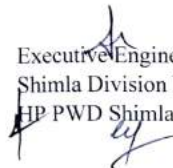
Earnest Money :- 1,800.00

Time:- 30 Days.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.25	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.	1.64	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 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty millimetre) nominal size).	1.64	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).	17.18	Cum			Per Cubic Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	0.574	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.	8.00	Rmt			Per Running Metre	

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 91,200.00	
Name of Work :- Improvement and widening of Chotta Shimla Kasumpti Panthghatti road (Falling of dry /green standing tree & conversion of longs into sleeper/fuel wood etc. & stacking in PWD store)						Earnest Money :- 1,900.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Falling of dry or green dangerous tree of girth of any dia by cutting into the appropriate pieces from top to bottom so that it may not creat any danger to adjoining building electric high tension hide or telephone lines as per the directions of Engineer-in-Charge.	6.00	Nos			Each	
2	Conversion of tumber any type of tree into longs and further into sleeper and scantling standered side including the same including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	6.00	Cum			Per Cubic Metre	
3	Conversion of log into fuel wood into appropriate pieces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	600.00	Kgs.			Per Kilogram	
4	Carriage of materials from site of work to PWD store including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Cum			Per Cubic Metre	
5	Coverion of root longs into fuel wood into appropriate pieces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Kgs.			Per Kilogram	
						Total	


 Executive Engineer,
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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:- 2,69,095.00	
Name of Work :- A/R & M/O to various type-III & type-IV GAD Qtrs. at Parimahal, Kasumpti Shimla-9 (SH: Repair of toilets, P/F tiles and Baroda Green Marble in Kitchen, P/F Cup board, etc. in type-IV set No.62 etc. under Parimahal Section).						Earnest Money :- 5,400.00	
						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 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)	26.25	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	2.35	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)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.083	Cum			Per Cubic Metre	
	(ii)1:3:6 (one Cement : three coarse sand) : six graded stone aggregate 20 mm(twenty milimetre) nominal size)	2.15	Cum			Per Cubic Metre	
4	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.83	Sqm			Per Square Metre	
5	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm(eight milimetre) thick	45.28	Sqm			Per Square Metre	

6	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 .	3.08	Sqm			Per Square Metre	
7	Providing and nosing of marble edges in marble work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Rmt			Per Running Metre	
8	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.	14.78	Sqm			Per Square Metre	
9	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.	9.75	Sqm			Per Square Metre	
10	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.	11.33	Sqm			Per Square Metre	
11	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	18.09	Rmt			Per Running Metre	
12	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	6.52	Sqm			Per Square Metre	
13	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	36.00	Nos			Each	
14	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.	36.00	Nos			Each	
15	Providing and fixing 65x35mm special quality chromium plated brass cup board lock with six leavers including necessary screws etc. complete (Indian make) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	

16	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 75mm (seventy five milimetre) nominal diameter	5.00	Nos			Each	
17	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	
	(ii) Anglo Indian Universal closet.	1.00	No			Each	
18	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	2.00	Nos			Each	
19	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 10 litre capacity - White	2.00	Nos			Each	
20	Providing and fixing 8mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer-in-Charge.	1.00	No			Each	
21	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
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. (i) 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm weighing not less than 190 gms.	2.00	Nos			Each	
23	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	
24	Providing and fixing 600x450mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	

25	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	2.00	Nos			Each	
26	Providing and fixing charomium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
27	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.	4.00	Nos			Each	
28	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 Make viking or equivalent.	4.00	Nos			Each	
29	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	
30	Providing and fixing PVC waste pipe flexible (Coil type) length not less than 800mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia	3.00	Nos			Each	
31	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.	2.00	Nos			Each	
32	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. (Through Rate)SIEKO OR EQUIVALENT	6.00	Nos			Each	
	(Labour Rate)	2.00	Nos			Each	
33	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.	22.00	Rmt			Per Running Metre	
34	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	1.00	No			Each	

35	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 (i) Kitchen sink with drain board (a) 510x1040 mm bowl depth 250mm	1.00	No			Each	
36	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back (i) 550mm x 400mm	2.00	Nos			Each	
37	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. (i) 32mm dia	2.00	Nos			Each	
38	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.	3.16	Sqm			Per Square Metre	
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	3.60	Sqm			Per Square Metre	
40	Providing and fixing anodized aluminium sliding door bolt 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. (i) 300x16mm	1.00	No			Each	
41	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	4.00	Nos			Each	
	(ii) 200x10mm	2.00	Nos			Each	
42	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) 125 mm	4.00	Nos			Each	
43	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	5.00	Rmt			Per Running Metre	

	(ii) 90 mm dia.	4.00	Rmt			Per Running Metre	
44	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm 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) 110mm dia.	1.00	No			Each	
	(ii) 90 mm dia.	1.00	No			Each	
45	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	
46	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	No			Each	
47	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) 110mm dia.	1.00	No			Each	
	(ii) 90 mm dia.	1.00	No			Each	
48	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm (three milimetre) thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	No			Each	
	(ii) 90 mm dia.	1.00	No			Each	
49	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	
50	Distemper 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)	313.60	Sqm			Per Square Metre	
51	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.	188.19	Sqm			Per Square Metre	


52	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.	123.15	Sqm			Per Square Metre	
53	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.	29.05	Sqm			Per Square Metre	
54	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.	29.05	Sqm			Per Square Metre	
55	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	102.98	Sqm			Per Square Metre	
56	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	
57	Providing and fixing C.P. Brass concealed stop cock with glange 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. Make ESSCO or Equivalent.	2.00	Nos			Each	
58	Providing and fixing C.P. Brass rain shower of approved quality and colour 200mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSCO or Equivalent.	1.00	No			Each	
59	Providing and fixing wall mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
60	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.	2.00	Nos			Each	

61	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	1.06	Sqm			Per Square Metre	
62	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	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-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,37,300.00	
Name of Work :- Improvement and widening of Chotta Shimla Kasumpti Panthghatti road (Falling of dry /green standing tree & conversion of longs into sleeper/fuel wood etc. & stacking in PWD store)						Earnest Money :- 4,800.00	
						Time:- 60 Days	
Sr No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Falling of dry or green dangerous tree of girth of any dia by cutting into the appropriate pieces from top to bottom so that it may not creat any danger to adjoining building electric high tension hide or telephone lines as per the directions of Engineer-in-Charge.	14.00	Nos			Each	
2	Removal of falled green tree of any dia by cutting into the appropriate pieces from top to bottom so that it may not creat any danger to adjoining building electric high tension hide or telephone lines including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	4.00	Nos			Each	
3	Conversion of tumber any type of tree into longs and further into sleeper and scantling standered side including the same including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	5.00	Cum			Per Cubic Metre	
4	Conversion of log into fuel wood into appropriate pieces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3000.00	Kgs.			Per Kilogram	
5	Coverion of root longs into fuel wood into appropriate pieces including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10000.00	Kgs.			Per Kilogram	
6	Looping of Standing green tree complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each	
7	Carriage of materials from site of work to PWD store including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Cum			Per Cubic Metre	
						Total	



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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 2,91,000.00	
Name of Work :- Special Repair of I.T. Bhawan at Mehli Kasumpti Shimla (SH: P/F Indian seat in Indian seat in Ladies Toilet and repair of Toilet due to seepage of walls (floors etc. in I.T. Bhawan Mehli Shimla)(Deposit)							Earnest Money :- 5,900.00	
							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. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	3.15	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.	58.10	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 directions of the Engineer-in-Charge. (i)1:2:4(1 cement : 2 coarse sand) : 4graded stone aggregate 20mm nominal size)	3.15	Cum			Per Cubic Metre		
4	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 @ 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.	58.10	Sqm			Per Square Metre		
5	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	21.10	Sqm			Per Square Metre		
6	Providing and laying in trenches, galvanised mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm nominal bore	15.00	Rmt			Per Running Metre		
7	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) 110mm nominal diameter	14.00	Nos			Each		

8	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.	46.00	Rmt			Per Running Metre	
	(ii) 75mm nominal diameter	46.00	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.	7.00	Nos			Each	
	(ii) 75mm nominal diameter	7.00	Nos			Each	
10	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	5.00	Nos			Each	
	ii) 75 mm dia	5.00	Nos			Each	
11	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Kiln seasoned and chemically treated hollock wood	0.226	Cum			Per Cubic Metre	
12	12 mm thick pre-laminated particle board (decorative lamination on both sides) grade - 1, medium density flat pressed, three layer particle board FPT- I or graded wood particle board FPT- I, conforming to IS : 3087, bonded with BWP type synthetic resin adhesive as per IS : 848 and pre-laminated conforming to IS : 12823, Grade 1, Type - II marked including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	43.30	Sqm			Per Square Metre	
13	Providing and fixing bright finished Stainless steel handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	8.00	Nos			Each	
14	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) 250x10 mm	8.00	Nos			Each	
15	Providing and fixing locking bolt including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
16	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. (i) Orissa pattern W.C Pan of size 580x440 mm	4.00	Nos			Each	


17	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 10 litre capacity - White	4.00	Nos			Each	
18	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.	4.00	Nos			Each	
19	Providing and fixing C.P. stop cocks including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	4.00	Nos			Each	
20	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	
21	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.	4.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 1,82,778.00
Name of Work :- Construction of Shiv Mandir to Shakti Vihar Road Km.0/00 to 1/500 (SH: Repair of V. shape drain between RD.0/125 to 0/635 Under Parimahal Section).							Earnest Money :- 3,700.00
							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) 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 property, 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	15.75	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 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 removed 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 own cost in all cases including carriage of materials in all leads and lifts as per the directions of the Engineer-in-charge	28.68	Cum			Per Cubic Metre	

3	Stone soling properly hand packed filling interstices with spalls and consolidating with Kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HPPWD specification. 100mm spread thickness (finished work including materials and labour) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.25	Cum			Per Cubic Metre	
4	Construction of hill side drain in accordance with the requirement of specifications true to lines and grades Dimensions and other particulars as per drawing and Technical Specification Clause 1606.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Plain cement concrete M 10 grade.	28.45	Cum			Per Cubic Metre	
5	White washing with lime on undecorated wall surfaces two coats to give an even shade including thoroughly brooming the surface to remove all dust mortar dirt and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	317.50	Sqm			Per Square Metre	
						Total	


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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 1,87,207.00
Name of Work :- A/R & M/O to Type-VI Qtrs. at Mehli Kasumpti (SH: Repair of toilet Painting Distempering and Tile work and accessories set No.15 Type-VI Mehli Kasumpti Shimla).				Earnest Money :- 3,800.00
				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 1:3:6 or richer mix (i/c equivalent design mix).	3.62	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	3.62	Cum			Per Cubic Metre	
3	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Medium shade pigment using 50% white cement 50% Grey cement.	38.45	Sqm			Per Square Metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	73.31	Kg.			Per Kilogram	
5	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.66	Sqm			Per Square Metre	
6	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:6 (1 Cement: 6 Sand).	36.06	Sqm			Per Square Metre	
7	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.	153.43	Sqm			Per Square Metre	

8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalied on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	255.01	Sqm			Per Square Metre	
9	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)35mm thick (i)2nd Class Deodar Wood.	1.58	Sqm			Per Square Metre	
10	Providing and fixing one piece water closet with PP soft close seal cover hing,fixing accessories P or S trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Each			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	Each			Each	
12	Providing and fixing 15mm mixer for kitchen sink with top/ bottom swinging spout wall mounted including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.Make essess cat No.DE 12	2.00	Each			Each	
13	Providing and fixing unplasticised PVC pipe clips of approved design to unplasticised PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4(1cement:4 coarse sand) and making good the wall etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)150 mm dia.	10.00	Each			Each	
14	Providing and fixing unplasticised PVC Band of approved design to unplasticised PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4(1cement:4 coarse sand) and making good the wall etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)150mm dia.	3.00	Each			Each	

15	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) 150 mm dia.	1.00	Each			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:-** 2,22,091.00

Name of Work :- A/R & M/O various residential Qtrs. type-I to VI at Kasumpti, Shimla-9 (SH: Change of **Earnest Money :-** 4,500.00

damaged wooden flooring into tile flooring in type-IV set No.30 at Kasumpti Shimla-9). **Time:-** 60 Days

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling wooden floors upto floor two level including stacking of serviceable materials and disposal unserviceable materials with in all leads(Joists to be measured and paid for separately) Dismantled serviceable material will be stacked properly and handed over to the department free of cost) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	55.63	Sqm			Per Square Metre	
2	Stone soling properly hand packed filling and consolidating with hand rolling to the required gradient and camber including spreading ,watering and rolling of hinding materials moorum of earth etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	22.25	Cum			Per Cubic Metre	
3	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundation and plinth	5.56	Cum			Per Cubic Metre	
4	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. Size of tiles 600x6700mm.	83.45	Sqm			Per Square Metre	
5	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.	5.67	Sqm			Per Square Metre	
6	Providing and fixing poly carbonated transparent sheet 1.20mm thick in lining with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	11.34	Sqm			Per Square Metre	

7	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) 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) stoper, ISI marked, anodised (anodic coating not less)	12.00	Nos			Each	
8	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.04	Cum			Per Cubic Metre	
						Total	


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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,20,852.00	
Name of Work :- A/R & M/O various residential Quarters Type-I to VI at Kasumpti Shimla-9(SH: Repair of Kitchen in type-I set No.5 at Kasumpti Shimla)						Earnest Money :- 2,500.00	
						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)	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/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 (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 unserviceable 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 unserviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
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	24.48	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.	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 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 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.	5.00	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.	1.80	Cum			Per Cubic Metre	
19	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm (forty millimetre into twelve millimetre) 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	
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	1.215	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 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	1.215	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 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	
26	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.	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/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	
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.	120.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	60.00	Sqm			Per Square Metre	
32	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.	60.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	30.00	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:- 92,160.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Sub-Division Shimla-9 (SH: Providing and fixing Broda Green marble in servant quarter 1 to 16 at Brock Hurst Shimla-9).						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	Providing and laying marble 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 white makrana marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.20	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- Improvement & Widening C/O ~~Shimla~~ Kufri Chail road Km 0/000 to 25/000 (SH: C/O B/Wall on Rd 0/850).

Estimated Cost:- 3,62,035.00

Earnest Money :- 7,300.00


Time:- 30 Days.

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	272.00	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.	9.60	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 1:5:10(One cement: five sand:Ten graded stone app.40mm (forty millimetre) nominal size).	1.92	Cum			Per Cubic Metre	
4	Providing concrete for plain/ reinforced concrete in open foundations complete including shuttering as per drawings and technical specifications Clause 802,803, 1202 & 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.1. P.C.C. grade M 10.(I) Nominal mix 1:3:6 (1)(cement:3sand:6 graded stone app. 20mm nominal size).	52.64	Cum			Per Cubic Metre	
5	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	28.20	Rmt			Per Runing Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 65,100.00	
NAME OF WORK: Construction of road from Bhatta Kufer to IGM C Phase-II Km.0/00 to 2/400 in District Shimla (H.P.)(SH: Preparation of detail project report , Survey by digital Plan & CBR value etc.).						Earnest Money :- 3,000.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Preparation of Detailed Project Report which includes following provision as mentioned below:- i) Topography survey by digital total station with two second accuracy showing all features on survey plan like trees, culverts, bridges, electric poles, telephone poles, hand pumps, school, Habitants villages etc. ii) Draw cross-sections at 15m intervals, L-sections and calculate the quantity of earth work in standard format of autocad showing all layers of pavement components as applicable. iii) Preparation of survey plan showing all details as per MORD guidelines and specifications. If any correction/amendment will be desired by the office the same may be corrected as desired and directed by the Engineer-In -Charge complete in all respect. After approval of the same from the head office the same should be submitted in four fair copies and soft copy as per the requirement of this office and upto entire satisfaction of Engineer-in-Charge including all type of incidental charges.	2.400	Km.			Per Kilo metre	
2	CBR test including gain size analysis, atterberbs limit, proctor compaction and CBR value upto the entire satisfaction of Engineer-In- Charge including all type of incidental charges.	3.00	Sample			Per Sample	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 98,800.00	
NAME OF WORK: Construction of road from Kelti to Cheri road Km.0/00 to 3/705 under NABARD in District Shimla (H.P.)(SH:Preparation of detail project report , Survey by digital Plan & CBR value etc.).						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	Preparation of Detailed Project Report which includes following provision as mentioned below:- i) Topography survey by digital total station with two second accuracy showing all features on survey plan like trees, culverts, bridges, electric poles, telephone poles, hand pumps, school, Habitants villages etc. ii) Draw cross-sections at 15m intervals, L-sections and calculate the quantity of earth work in standard format of autocad showing all layers of pavement components as applicable. iii) Preparation of survey plan showing all details as per MORD guidelines and specifications. If any correction/amendment will be desired by the office the same may be corrected as desired and directed by the Engineer-In -Charge complete in all respect. After approval of the same from the head office the same should be submitted in four fair copies and soft copy as per the requirement of this office and upto entire satisfaction of Engineer-in-Charge including all type of incidental charges.	3.700	Km.			Per Kilo metre	
2	CBR test including gain size analysis, atterberbs limit, proctor compaction and CBR value upto the entire satisfaction of Engineer-In- Charge including all type of incidental charges.	4.00	Sample			Per Sample	
						Total	

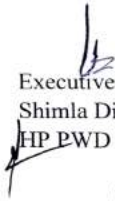
Executive Engineer,
Shimla Division No.I,
HP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,24,319.00		
Name of Work :- A/R & M/O to various residence quarter at Driver Colony Dhalli Shimla(SH: Repair work of Plaster, Brick work, Cement concrete, Steel work and minor repair work in Driver Colony Dhalli Shimla).					Earnest Money :- 2,500.00		
					Time:- 60 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	Unit	Amount	
				In figures In words			
1	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.	0.96	Sqm		Per Square Metre		
2	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4 (1 Cement:4 Sand).	12.00	Sqm		Per Square Metre		
3	Providing and fixing aluminum 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. (a) 125mm	10.00	Nos		Each		
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in. (i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.30	Cum		Per Cubic Metre		
5	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the wall 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		Each		
6	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.	5.00	Rmt		Per Running Metre		
7	Providing and fixing vitreous China Hind ware ISI 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 milimetre)	1.00	No		Each		

16	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm 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) 110mm dia	1.00	No			Each	
	(ii)90 mm dia.	1.00	No			Each	
17	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	
18	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.	1.00	No			Each	
	(i) 90 mm dia.	1.00	No			Each	
19	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 milimetre) dia	1.00	No			Each	
20	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
21	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	2.00	Nos			Each	
22	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.	48.00	Sqm			Per Square Metre	
23	Constructing manhole with R.C.C. top slab in 1:2:4 mix (one cement : two sand : four graded stone aggregate 20mm(twenty milimetre) nominal size), foundation concrete 1:4:8 (one cement : four sand : eight graded stone aggregate 40 mm(forty milimetre) nominal size), inside plastering 15mm (fifteen milimetre)thick with cement mortar 1:3 (one cement : three sand) and finished with floating coat of neat cement and making channels in cement concrete 1:2:4 mix (one cement : two sand : four graded stone aggregate 20mm(twenty milimetre) nominal size) finished smooth complete including curing and testing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Inside size 800mmx800mm and 500mm(eight hundred milimetre into eight hundred milimetre and five hundred milimetre) deep including precast reinforced Cement concrete manhole Cover (Medium Duty) with frame 600 mm (six hundred milimetre) dia Total weight of cover and frame to be notge less than 38Kg. -(i) with 200mm (two hundred milimetre) thick walls of brick masonry using common burnt clay building bricks in cement mortar 1:3 (one cement : three sand) -	1.00	Nos			Each	

24	Providing and fixing 0.60mm (Zero point six zero millimetre) thick prepainted steel sheet in lining roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer-coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron Jor L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accesoriees as required as per the direction of Engineer-in-charge.	16.00	Sqm			Per Square Metre	
25	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone agg.40mm nominal size) mechanically mixed and curing complete excluding cost of form work in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.76	Cum			Per Cubic Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,49,574.00	
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.8 at Kasumpti Shimla).						Earnest Money :- 3,000.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated In figures	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 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	42.84	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.	12.60	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 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.	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	Kgs.			Per Kilogram	
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 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	
19	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) Ist Class Deodar Wood.	15.00	Rmt			Per Running 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	1.62	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 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	
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.	30.00	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.	30.00	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 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	

26	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.	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/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	
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.	30.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	15.00	Sqm			Per Square Metre	
31	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	
						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:- 37,706.00	
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.41 at Brock Hurst Kasumpti Shimla-9).						Earnest Money :- 800.00	
						Time:- Two months	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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)	1.44	Sqm			Per Square Metre	
2	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.	11.00	Kgs			Per Kilogram	
3	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) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.10	Cum			Per Cubic 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.	50.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white	50.00	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.	25.00	Sqm			Per Square Metre	
	b) With enamel paint other than white.	25.00	Sqm			Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and othermetal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	25.00	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.(i)With white enamel paint	5.00	Sqm			Per Square Metre	

8	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)	150.00	Sqm			Per Square Metre	
9	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
10	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	
11	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.	1.44	Sqm			Per Square Metre	
12	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 fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back i)550 x400mm	1.00	No			Each	
13	Providing and fixing 32mm(thirty two milimetre) dia C.P. brass waste for wash basin sink complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
14	Providing and fixing PVC waste pipe for wash basin & sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 32mm dia.	1.00	No			Each	
15	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	
16	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	
17	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	
18	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	

19	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	
20	Providing and fixing vitreous China padestal for wash basin complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 84,720.00	
Name of Work :- A/R & M/O to various residence quarter type-I to VI at Kasumpti Shimla-9 (SH: Providing and laying chequered tile in path in type-III set No.148 to 151 at Mehli Kasumpti Shimla-9).						Earnest Money :- 1,700.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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)	1.2	Cum			Per Cubic Metre	
	Providing and laying prepolished chequered tiles 22mm thick without marble chips of size upto 6mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20mm thick bed of cement mortar 1:4(1cement:4 coarse sand) (i) Red/grey shade.	60.00	Cum Sqm			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 84,720.00	
Name of Work :- A/R & M/O to various residence quarter type-I to VI at Kasumpti Shimla-9 (SH: Providing and laying chequered tile in path in type-III set No.113 to 117 at Mehli Kasumpti Shimla-9).						Earnest Money :- 1,700.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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)	1.20	Cum			Per Cubic Metre	
2	Providing and laying prepolished chequered tiles 22mm thick without marble chips of size upto 6mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20mm thick bed of cement mortar 1:4(1cement:4 coarse sand) (i) Red/grey shade.	60.00	Cum <i>Sqm</i>			Per Cubic Metre <i>Square</i>	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,90,258.00	
Name of Work :--Metalling & Tarring on Mashobra to Bhekhality road km.0/000 to18/360 (SH: C/O R/Wall between Km. 3/748 to 3/759).						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	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.	34.37	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 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.	18.700	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty milimetre) nominal size).	17.600	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	51.98	Cum			Per Cubic Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	123.75	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.	43.50	Rmt			Per Runing Metre
						Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,04,227.00		
Name of Work :- A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: Providing and fixing ceiling in Ent position and Cup board in Dining Non Woven carpeting in stair set No.11 Type-VI at Mehli Kasumpti Shimla).					Earnest Money :- 2,100.00		
					Time:- 60 Days.		
Sr No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	4.74	Sqm			Per Square Metre	
2	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)2nd class Kail wood	0.03	Cum			Per Cubic Metre	
3	Providing and fixing byson board ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 9mm thick	4.74	Sqm			Per Square Metre	
4	Providing and fixing Pine wood readymade plain framed panelling with necessary screws priming coat on unexposed surface etc. complete with pine wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.74	Sqm.			Per Square Metre	
5	Providing and fixing 19mm (Nineteen milimetre) thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	28.70	Sqm			Per Square Metre	
6	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.	3.63	Sqm			Per Square Metre	
7	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.	15.31	Sqm			Per Square Metre	
8	Providing and fixing non wooven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm(three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhasive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.73	Sqm			Per Square Metre	

9	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)Ready mixed paint brushing wood primer pink.	61.43	Sqm			Per Square Metre	
10	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)With white enamel paint.	61.43	Sqm			Per Square Metre	
11	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.	16.50	Rmt			Per Running Metre	
12	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm dia.	4.00	Nos			Each	
13	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm dia	4.00	Nos			Each	
14	Providing and fixing vitreous China wash, down water closet (European Type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) seat and 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. (a)Anglo Indian universal closet.	2.00	Nos			Each	
15	Providing and fixing sinlge hole mixture for wash basin etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
16	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm.			Per Square Metre	
						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:-** 1,79,265.00

Name of Work :- A/R & M/O various Type-I to Type-VI Qtrs. of Health Department at Primahal, Kasumpti Shimla-171009 (SH:Repair /renovation of toilet/ bath room and kitchen in DHS residence at Parimahal).

Earnest Money :- 3,600.00

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 leaner mix (i/c equivalent design mix).	0.30	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) If or thickness of tiles 10 mm to 25 mm	30.48	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.	1.00	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) 1:3:6 (1 Cement - 3 coarse sand) - 6 graded stone aggregate 20 mm nominal size)	0.53	Cum			Per Cubic Metre	
	(ii) 1:2:4 (1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size)	0.02	Cum			Per Cubic Metre	
5	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement - 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm	5.94	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 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.	20.27	Sqm			Per Square Metre	


7	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) One Piece closet Make Bathsense model EVANIA CAT No.OP-25-P One Piece closet P Trap.	1.00	No			Each	
8	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	
9	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float,with push button,couplings for connections with inlet, outlet and ovr flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each	
10	Providing and fixing C.P. Telephonic jet spray jet spray of approved quality with 1.5 mtr. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Bathsense BAT No.C232 N	1.00	No			Each	
11	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
12	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)Towel Rail 61 cm Make ESS ESS CAT No. AC-101	1.00	No.			Each	
13	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. Make essess Cat No.AC-102	1.00	Nos			Each	
14	Providing and fixing 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
15	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. E.S.	1.00	Nos			Each	

16	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 Make ESS ESS Cat No. T-105A	5.00	Nos			Each	
17	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 MAKE VIKING	5.00	Nos			Each	
18	Providing and fixing PVC waste pipe flexible (Coil type) length not less than 800mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia MAKE VIKING	2.00	Nos			Each	
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. Make ESS ESS Cat No. AC-305	1.00	No			Each	
20	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. Make ESS ESS Cat No. T-105A	7.00	Nos			Each	
21	Providing and fixing to wall ceiling and floor galvanized mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore (Fifteen millimetres)	10.00	Rmt			Per Running Metre	
22	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm (Fifteen millimetre)	1.00	Nos			Each	
23	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) 110mm dia. MAKE FINOLEX	1.00	Rmt			Per Running Metre	
	b) 90mm dia MAKE FINOLEX	1.00	Rmt			Per Running Metre	
24	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. (a) 110mm dia MAKE FINOLEX	1.00	No			Each	
	(b) 90mm dia MAKE FINOLEX	1.00	No			Each	
25	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 MAKE FINOLEX	1.00	Nos			Each	

	b) 90mm (Ninety milimetre)dia MAKE FINOLEX	1.00	Nos			Each	
26	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. MAKE FINOLEX	1.00	Nos			Each	
	(b) 90 mm dia.MAKE FINOLEX	1.00	No			Each	
27	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 110x90 mm dia MAKE FINOLEX	1.00	No			Each	
28	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. MAKE FINOLEX	1.00	Nos			Each	
29	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. (a) 110 mm dia.	1.00	No			Each	
	(b) 90 mm dia.	1.00	No			Each	
30	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) White vitreous china flat back wall hung basin Make Bathsense WM-25-X	1.00	No			Each	
31	Providing and fixing vitreous china pedestal for wash basin complete 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.Make Bathsense Cat No.FP-23- X	1.00	No			Each	
32	Providing and fixing C.P. Brass waste for wash basin or sink complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32mm nominal dia MAKE ESS Cat No.C-230	1.00	No			Each	
33	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)Kitchen sink with drain board(a)510x1040 mm bowl depth 250mm MAKE BATHSENSE	1.00	No			Each	
34	Providing and fixing liquid soap dispenser including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE VIKING	1.00	No			Each	
35	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) 300 x 16mm,	1.00	No			Each	

36	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) 200x10mm	20.00	Nos			Each	
	(ii) 150x10mm	20.00	Nos			Each	
37	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	5.00	Nos			Each	
38	Providing and fixing oxidized M.S. hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200mm	5.00	Nos			Each	
39	Providing and fixing toilet paper holder including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE ESS ESS Cat No.AC-106	1.00	No			Each	
40	Providing and laying granite stone in flooring 20mm(average)thickness base of cement mortar 1:3(1cement:3 sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 20mm thick	4.83	Sqm			Per Square Metre	
41	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 ESSESS Cat No. T - 127	1.00	No			Each	
42	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. Make ESS ESS Cat No.T-118.	1.00	No			Each	
43	Providing and fixing wall mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESS ESS C-116.	1.00	No			Each	
44	Providing and fixing Pillar cock 15mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.C-201 B	2.00	Nos			Each	
45	Providing and fixing C.P.brass bib tap (long body) with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 15mm dia. Make ESSESS cat No.C-209	5.00	Nos			Each	

46	Providing and fixing C.P. Bottle Trap of approved quality & make including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 32mm dia	1.00	No			Each	
47	Providing and fixing PVC corner set 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 powder coated telescopic drawer channels with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300mm long	2.00	Nos			Each	
49	Half brick masonry 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.Cement mortar 1:4 (one cement :four coarse sqm sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.12	Sqm			Per Square Metre	
50	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.28	Sqm			Per Square Metre	
51	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	1.67	Sqm			Per Square Metre	
						Total	


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

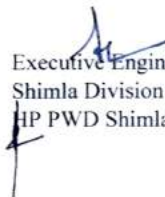
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,31,823.00	
Name of Work :- A/R & M/O to Type-VI Qtrs. at Mehli Kasumpti Shimla (SH: P/F aluminium window in 1st floors Kitchen cup boards Painting and Distempering, etc. Type-VI set No.19 Mehli Kasumpti Shimla).						Earnest Money :- 8,700.00 Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated In figures	Rate In words	Unit	Amount
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)	0.80	Sqm			Per Square Metre	
2	Dismantling wooden boardings in lining of walls and partitions including frame work and stacking the materials withing all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)upto 10 mm thickness	8.42	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 directions of the Engineer-in-Charge.(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.80	Cum			Per Cubic Metre	
4	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 (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.	10.70	Sqm			Per Square Metre	
5	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.	26.00	Sqm			Per Square Metre	
6	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.06	Sqm			Per Square Metre	
7	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.12	Sqm			Per Square Metre	

8	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. (i) 6mm thick	8.43	Sqm			Per Square Metre	
9	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	30.00	Nos			Each	
10	Providing and fixing hydraulic Zero degree S.S. hinges including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
11	Providing and fixing square edges cover fillets (beading) 19mmx6mm section v/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class deodar wood	50.00	Rmt			Per Running Metre	
12	Providing and fixing S.S. Grain Basket with bracket approved brand and manufacture (360 x 210mm) make Asian paints & equivalent including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	2.00	Nos			Each	
13	Providing and fixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge S.S. Thali Plate Basket (i) 380x200mm	2.00	Nos			Each	
14	Providing and fixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge S.S. Cutlery Basket approved brand (380x100mm)	1.00	No			Each	
15	Providing and fixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge S.S. Tuff fixed single pullout fixed single (i) 160x500mm	2.00	Nos			Each	
16	Providing and fixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge S.S. Cup & saucer bracket (i) 380x100mm	1.00	No			Each	
17	Providing and fixing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge Colender Trolley	2.00	Nos			Each	

18	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron).	298.18	Kgs.			Per Kilogram	
19	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): (i) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	11.06	Sqm			Per Square Metre	
20	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	32.00	Nos			Each	
21	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	16.00	Nos			Each	
22	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 200mm	8.00	Nos			Each	
23	Providing and fixing one piece water closet with PP soft close seal cover hing,fixing accessories P or S trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
24	Providing and fixing 15mm mixer for kitchen sink mixer including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
25	Providing and fixing 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	
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) 600mm x 20mm	2.00	Nos			Each	

27	Providing and fixing health faucet (Hand Shower) ABS body with 8mm dia 1.2 mtr. long flexible tube and wall hook 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 600mm x 450mm bavelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
29	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.	4.00	Nos			Each	
30	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. (i) 600mm x 20mm	2.00	Nos			Each	
31	Providing and fixing charomium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
32	Providing and fixing Arcylic glass corner including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 4,49,568.00	
Name of Work :- A/R & M/O type-VI set No.12 at mehli Kasumpti, Shimla-9 (SH: Repair of Toilet, Kitchen,				Earnest Money :- 9,000.00	
Painting , Distempering in Type-VI set No.12 at Mehli Kasumpti Shimla-9).				Time:- 60 Days.	

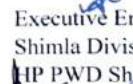
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	3.19	Cum			Per Cubic Metre	
2	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)	47.52	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 directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	3.19	Cum			Per Cubic Metre	
4	Providing and fixing Ist 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 @ 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.	57.38	Sqm			Per Square Metre	
5	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	23.24	Sqm			Per Square Metre	
6	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.	13.47	Sqm			Per Square Metre	
7	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.	4.23	Sqm			Per Square Metre	

8	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.02	Sqm			Per Square Metre	
9	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	4.62	Sqm			Per Square Metre	
10	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.	28.40	Rmt			Per Running Metre	
11	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	
12	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	
13	Providing and fixing stainless steel channel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
14	Providing and fixing zero degree hinges of approved quality including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
15	Providing and fixing kitchen accessories complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) S.S. grain basket.	2.00	Nos			Each	
	(ii) S.S. thali/plate basket	2.00	Nos			Each	
	(iii) S.S. cutlary basket.	1.00	No			Each	
	(iv) S.S. single pullout basket	1.00	No			Each	
	(v) S.S. corner divided portion basket	1.00	No			Each	
	(vi) S.S. bottle pullout basket	1.00	No			Each	

	(vii) S.S. Cylinder basket	1.00	No			Each	
16	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.	182.10	Sqm			Per Square Metre	
17	Providing and laying unitex carpeting flooring in standard laid with approved adhesive on sub floor complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.96	Sqm			Per Square Metre	
18	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.	182.10	Sqm			Per Square Metre	
19	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	360.44	Sqm			Per Square Metre	
20	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	230.08	Sqm			Per Square Metre	
21	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.	276.00	Sqm			Per Square Metre	
22	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm (fifteen milimetre) nominal bore.	18.00	Rmt			Per Running Metre	
23	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.	1.00	No			Each	
24	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. (i) Anglo Indian (Universal Closet)	1.00	No			Each	

25	Providing and fixing health faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm	2.00	No			Each	
26	Providing and fixing glass corner including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each	
27	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.	4.00	Nos			Each	
28	Providing and fixing 600mmx120mm (six hundred milimetre into one hundred twenty milimetre) 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.	3.00	Nos			Each	
29	Providing and fixing toilet paper holder including all leads and lifts as per the direction of Engineer-in-charge. (i) C.P.Brass	3.00	Nos.			Each	
30	Providing and fixing wash basin with pedestal, 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.	2.00	Nos.			Each	
31	Providing and fixing wall mixer with telephonic shower arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
32	Providing and fixing rain shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
33	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.	2.00	Nos			Each	

34	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.	16.00	Nos			Each	
35	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 300/ 450mm length i) 15mm nominal bore.	8.00	Nos.			Each	
36	Providing and fixing tooth brush tumbler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos.			Each	
37	Providing and fixing liquid soap dispenser including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
38	Providing and fixing C.P. grating for Floor Trap or Nahani Trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm(one hundred milimetre) dia	4.00	Nos			Each	
39	Providing and fixing 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
40	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.	2.00	Nos			Each	
41	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	
42	Providing and fixing Muxer for kitchen sink with casted swinging spout at top including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
43	Providing and fixing concealed diverter including exposed portion including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
						Total	


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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. **Estimated Cost:-** 4,75,285.00

Name of Work :- Widening & Improvement on Talai to Dehna road km.0/000 to 5/225 (SH: C/O R/Wall between RD. 4/690 to 4/696). **Earnest Money :-** 9,600.00
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.	52.92	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 milimetre) 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.	5.04	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty milimetre) nominal size).	5.04	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	95.70	Cum			Per Cubic Metre	

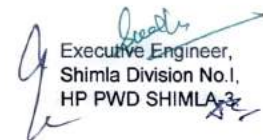
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	5.40	Cum			Per Cubic Metre	
6	Providing weep holes in Breast wall/Retaining 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.	18.00	Rmt			Per Runing Metre	
						Total	


 Executive Engineer,
 Shimla Division No.I,
 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:- 4,75,285.00	
Name of Work :--Widening & Improvement on Talai to Dehna road km.0/000 to 5/225 (SH: C/O R/Wall between RD. 4/700 to 4/706).						Earnest Money :- 9,600.00	
						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.	52.92	Cum	269.40	Rupees Two Hundred Sixty Nine and Paise Forty Only	Per Cubic Metre	14257
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.04	Cum	353.49	Rupees Three Hundred Fifty Three and Paise Forty Nine Only	Per Cubic Metre	1782
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty millimetre) nominal size).	5.04	Cum	3450.00	Rupees Three Thousand Four Hundred Fifty Only	Per Cubic Metre	17388.00
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).	95.70	Cum	4509.75	Rupees Four Thousand Five Hundred Nine and Paise Seventy Five Only	Per Cubic Metre	431583

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.	5.40	Cum	1394.95	Rupees One Thousand Three Hundred Ninety Four and Paise Ninety Five Only	Per Cubic Metre	7533
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.	18.00	Rmt	152.35	Rupees One Hundred Fifty Two and Paise Thirty Five Only	Per Running Metre	2742.00
						Total	475285.00


 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:- 4,86,723.00

NAME OF WORK:- A/R & M/O to various roads under Shimla Division No.I Under Mashobra Sub Division (SH: Repair of Patches work in various road in Nauti Thaila in Km. 3/00 to 6/000 & Baldeyan to Dharampur road Km. 0/00 to 3/00 Under Baldeyan Section).

Earnest Money :- 9,800.00

Time:- One Month

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 3(three) as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per <u>directions of the Engineer-in-Charge.</u>	50.00	Cum			Per Cubic Metre	
2	Repair to pot holes and removal of loose material trimming the sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1555.00	Sqm			Per Square Metre	
						Total	

Bitumen shall be provided free.

DNIT approved for Rs. 4,86,723/- Only (Rupees Four lac eighty six thousand seven hundred twenty three only) vide DNIT Register Sr.No. 29... the financial year 2022-23.

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.						Estimated Cost:- 95,992.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Shimla-9 (SH: Renovation of Kitchen, Toilet and minor repair work in Type-IV set No. 19 at Brock Hurst 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 milimetre)	18.60	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.	0.07	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 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 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 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	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	21.49	Sqm			Per Square Metre	

9	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.46	Sqm			Per Square Metre	
10	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	
11	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	
12	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	
13	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.	0.05	Cum			Per Cubic Metre	
14	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.02	Cum			Per Cubic Metre	
15	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws. 40mm (forty milimetre) thick. 2nd class Deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.70	Sqm			Per Square Metre	

16	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm (zero point five six milimetre) for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws.40 mm(forty milimetre) thick (i) 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.79	Sqm			Per Square Metre	
17	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre	
18	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	
19	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	4.00	Nos			Each	
20	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen milimetre)	2.00	Nos			Each	
21	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each	
22	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 75 mm.	3.00	Nos			Each	
23	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)110mm dia.	6.00	Rmt			Per Running Metre	
24	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	
25	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 milimetre) dia	2.00	Nos			Each	

26	Providing and laying marble work (Table rubbed and polished) with semi round nosing in flooring laid over 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 Baroda 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	
27	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 milimetre)	1.00	Nos			Each	
28	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 milimetre) with bowl depth 200 mm (two hundred milimetre).	1.00	No			Each	
29	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 milimetre) dia	1.00	No			Each	
30	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
31	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	
32	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	Nos			Each	
33	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	
34	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	
35	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	
36	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	

37	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	
38	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) 45cms length (i) 15mm nominal bore.	10.00	Nos			Each	
39	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each	
40	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	
41	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	
42	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.	2.00	No			Each	
43	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (a) White plastic seat and cover.	2.00	No			Each	
44	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	2.00	No			Each	
						Total	

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