

Himachal Pradesh  
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2022-2023- 14416-17 Dated:- 10/10/22

To


The Executive Engineer (IT Cell)  
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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

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

Copy forwarded to for further necessary action please.

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

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

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

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

- |  |                           |
|--|---------------------------|
| 1. Date of receipt of application for tender forms:- | 17-10-2022 upto 4:00 PM   |
| 2. Dated of issue /sale of tender forms:-            | 18-10-2022 upto 4:00 PM   |
| 3. Date of receipt of tender:-                       | 19-10-2022 up to 10:30 AM |
| 4. Date of opening of tender:-                       | 19-10-2022 up to 11:00 A  |

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	Improvement & widening of Shoghi mehli junga sadhupul road km. 12/375 to 48/925 (SH:- C/O B/wall at 24/304.50 to 24/308.50).	98547/-	2000/-	350/-	30 days	Class-D
2	A/R & M/O to various residential Qtrs type-I to VI Kasumpti Shimla-9 (SH:- Repair of toilet in type-IV 16,23 type-II set no.22 at Kasumpti Shimla-9).	93751/-	1900/-	350/-	60 days	Class-D
3	A/R & M/O to various residence qtr at Kasumpti Shimla-9 (SH:- painting /Distempering work in type-V set no. 17,19 and vacation/due at Kasumpti Shimla-9).	180200/-	3700/-	350/-	30 days	Class-D
4	Widening and Improvement of various roads under Kasumpti Sub Division (SH:- Widening and Improvement of Y-Intersection on Kasumpti to panthghatti road at RD. 0/00 to 0/008.50 (Under Shimla Smart city Project).	369718/-	7400/-	350/-	30 days	Class-D
5	A/R & M/O to various residential qtrs at Kasumpti Shimla-9 (SH:- Providing and fixing Jafri ,polycarbonate sheet in type-VI set No.7 at Kasumpti ,Polycarbonate sheet in type-BVI set no.18 & type-IV set No.1 at Mehli Kasumpti Shimla-9 type-VI set No.12A at Kasumpti Shimla-9).	232800/-	4700/-	350/-	60 days	Class-D
6	A/R & M/O to various residence qtrs at Mehli Kasumpti Shimla-9 (SH:- Providing and fixing tile and granite in type-VI set No.12 A at Mehli Kasumpti Shimla-9).	198258/-	4000/-	350/-	30 days	Class-D
7	A/R & M/O to Chief Minister Help line office M.C. parking Tutikandi Shimla (SH:- Providing and fixing ceiling ,water proofing treatment over office Tutikandi Shimla).	175154/-	3600/-	350/-	60 days	Class-D
8	A/R & M/O to Type-VI Qtrs at mehli Kasumpti (SH:- Covering of porch in entrance of Floor set no.12 type-VI at Mehli Kasumpti Shimla-9).	176765/-	3600/-	350/-	30 days	Class-D
9	Improvement & Widening on Baldeyan to Shanel road km. 0/00 to 4/720 (SH:- C/O R/wall at Rd. 2/945 to 2/950).	418115/-	8400/-	350/-	30 days	Class-D
10	A/R & M/O on victory Tunnel to Dhalli By epass road Via Long wood km. 0/00 to 8/00 (SH:- C/O Retaining wall at Rd. 2/645 to /650).	203871/-	4100/-	350/-	30 days	Class-D
11	Improvement of curve on kufri Chail road km. 0/00 to 25/00 (SH:- Widening of curve between RD. 5/045 to 5/075, 11/565 to 11/595 and 11/770 to 11/830).	426790/-	8600/-	350/-	30 days	Class-D
12	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH:- Painting /Distempering work in type-III set No.169,114,123,135 & 146 at Kasumpti Shimla-9).	96550/-	2000/-	350/-	30 days	Class-D
13	Improvement of Curve on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Widening of Curve between RD. 24/309 to 24/333).	99859/-	2000/-	350/-	30 days	Class-D
14	Improvement on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Widening of Curve between Rd. 39/700 to 39/775).	443223/-	8900/-	350/-	30 days	Class-D
15	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O Repair of pot holes by providing kharanja soling between Rd. 17/00 to 21/00).	238341/-	4800/-	350/-	30 days	Class-D
16	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Providing Toe wall for protection of Existing R/wall at RD. 35/900).	222950/-	4500/-	350/-	30 days	Class-D
17	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Hiring of JCB for removal of slips in between Rds 17/00 to 22/00).	99000/-	2000/-	350/-	15 days	Class-D
18	Improvement & Widening on Shoghi mehli Junga sadhupul road km. 12/375 to 48/925 (SH:- C/O B/wall at Rd. 46/434 to 46/450).	389562/-	7800/-	350/-	30 days	Class-D
19	Improvement of Curve on Kufri Chail road km. 0/00 to 25/00 (SH:- Widening of curve between Rd. 14/725 to 14/800).	215988/-	4320/-	350/-	30 days	Class-D
20	Improvement of Shoghi mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Hiring of JCB removal of slips in between Rd. 12/375 to 17/00).	99000/-	2000/-	350/-	15 days	Class-D
21	A/R & M/O to various roads under Kasumpti Sub Division (SH:- C/O link road to Type-I set No.1 to 24 and Type-III set No. 65 to 88 from Brock Hurst Vikasnager road).	164525/-	3300/-	350/-	60 days	Class-D
22	Improvement of curve on Kufri chail road km. 0/00 to 25/00 (SH:- Widening of curve between Rd. 14/350 to 14/375).	107725/-	2200/-	350/-	30 days	Class-D
23	A/R & M/O various residential Qtrs at Mehli Kasumpti Shimla-9 (SH:- Repair of toilet and other repair in type-VI set No.12A at Mehli Kasumpti Shimla-9).	302585/-	6100/-	350/-	60 days	Class-D
24	C/O link road old Kasumpti to kohan via village Barwra padrew road km. 0/00 to 6/00 (SH:- C/O Removal formation deficienty RD. 0/400 to 0/900).	302934/-	6100/-	350/-	30 days	Class-D
25	C/O pedestrian path from St. Beds chowk to Sanjulli Shimla (SH:- Providing and laying chequered tiles on pedestrian path on MRR via Cotta Shimla in km. 154/100 to 155/270).	475822/-	9600/-	350/-	60 days	Class-D
26	A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH:- Repair of kitchen, W.C. bath and minor repair work in type-I set No.3 at Kasumpti ).	148316/-	3000/-	350/-	60 days	Class-D
27	A/R & M/O type-I to VI Qtrs at mehli Kasumpti Shimla-9 (SH:- Covering of Balcony and other repair work set no. 9 17 and 18 type-III at Mehli Kasumpti Shimla-9).	327052/-	6600/-	350/-	30 days	Class-D

28	Improvement & widening on Shoghi Mheli Junga sadhupul road km. 12/375 to 48/925 (SH;- C/O B/wall at Rd. 21/469 to 21/485).	372145/-	7500/-	350/-	30 days	Class-D
29	Improvement & Widening of Elysium to Devidhar road km. 0/00 to 16/300 (SH;- C/O U shape Drain with grating at Rd. 2/534 to 2/555).	117576/-	2400/-	350/-	60 days	Class-D
30	Improvement and widening circular road near Auckland Tunnel (SH;- Side clearance work on Devidhar road at Rd. 0/120 to 0/165).	254645/-	5100/-	350/-	30 days	Class-D
31	Improvement and Widening of Elysium to devidahr road km. 0/00 to 16/300 (SH;- C/O Breast wall at Rd. 0/455 to 0/645 and U Shape drain).	386985/-	7800/-	350/-	30 days	Class-D
32	C/O institute of Hotel Management at Kufri Shimla (SH;- Providing and fixing Chequered plate in car parking ).	495721/-	10000/-	350/-	30 days	Class-D
33	Improvement of Vikasnagar to Kasumpti via SDA Complex road km. 0/00 to 0/500 (SH;- Repair of drain in various Rds on Vikasnagar to Kasumpti via SDA complex road).	275263/-	5600/-	350/-	60 days	Class-D
34	A/R & M/O to various residential Qtrs type-I to VI at Kasumpti Shimla-9 (SH;- Re-stuffing of sofa in type-V set No. 20 and flooring wall lining and cup board in type-IV set No. 42 at Kasumpti Shimla-9).	356652/-	72000/-	350/-	60 days	Class-D
35	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH;- Providing and fixing cup board painting work & PVC in type-III set nO. 145,146 & 148 at Kasumpti Shimla)	209093/-	4200/-	350/-	60 days	Class-D
36	Up gradation of road including F/D from Sanjulli Bye pass to village China km. 0/00 to 3/00 in district Shimla HP (SH;- Preperation of Detailed project report ).	84000/-	1700/-	350/-	30 days	Class-D
37	C/O road from Dumi to karechi from km. 0/00 to 10/165 in District Shimla (HP) and C/O 19.75 mtr span bridge under NABARD (SH;- Preparation of detailed project report of road and Bridge).	309960/-	6200/-	350/-	30 days	Class-D
38	Improvement & Widening on Fagu to Cheog road km. 0/0 to 5/600 (SH;-C/O R/wall at Rd. 5/420 to 5/426).	91832/-	1900/-	350/-	30 days	Class-D
39	Improvement of Mehli Gussan road km. 0/00 to 5/420 (SH;- C/O Repair of pot holes by providing and laying kharanja solings & C.C. pavement in between Rd. 0/00 to 1/00).	99996/-	2000/-	350/-	30 days	Class-D

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.  
The tender documents shall be issued only to those contractor/Firm who fulfill the following documents with the application.

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

No.PW-SD-I/CB-Tender/2022-2023-  
Copy forwarded to :-

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
3. Copy to the Sub Divisional Magistrate (U) Shimla.
4. Copy to the Sub Divisional Magistrate (R) Shimla.
5. Copy to Municipal committee Shimla Distt. Shimla.
6. Copy to Block Development officer Mashobra Disitt. 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 :- 10-10-2022

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 98,547.00
Name of Work :- Improvement & Widening of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925							Earnest Money :-2,000.00
(SH:- C/O B/Wall at Rd 24/304.50 to 24/308.50 ).							Time:- 30 Days.
Sr. No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
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.	8.28	Cum			Per Cubic Metre	
2	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be 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.	2.48	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 milimetre) nominal size).	2.48	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).	17.52	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.	25.00	Rmt			Per Running Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Name of Work :- R/R & M/O to various residential Qtrs. type-I to VI Kasumpti Shimla-9 (SH: Repair of toilet in type-IV 16.23 type II set No.22 at Kasumpti Shimla-9)				Estimated Cost:- 93,751.00			
				Earnest Money :- 1,900.00			
				Time:- 60 Days			
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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).	1.20	Cum			Per Cubic Metre	
2	Dismantling tile work laid in cement mortar including stacking of serviceable materials and disposal of unserviceable material within all leads including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.50	Sqm			Per Square Metre	
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.	0.30	Cum			Per Cubic Metre	
4	Centering and shuttering including strutting, propping etc. and removal of form for (i)Suspended floors, roofs, landings, balconies and access platform including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.500	Sqm			Per Square Metre	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (I ) Thermo-Mechanically Treated bars of grade Fe-500D or more.	0.05	Tonne			Per Tonne	
6	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.	3.50	Sqm			Per Square Metre	

	Providing and fixing vitreous china wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	3.00	Rmt			Per Running Metre	
8	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15 mm dia nominal bore	5.00	Rmt			Per Running Metre	
	(ii) 20mm dia nominal bore	3.00	Nos			Each	
9	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No.			Each	
10	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C pan) size 580mm (five hundred eighty milimetres) (Earth work, bed concrete, foot rest and trap 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) Orisa type.	4.00	No.			Each	
11	Providing and fixing 10.00 litres (ten point zero litres) P.V.C. low level flushing cistern with pair of C.I. or mild steel brackets complete with fitting such as lead valve less syphon 15mm (fifteen milimetre) nominal size brass full way valve with polythene float C.P. brass handle union and coupling with inlet, outlet and over flow pipe 40mm (forty milimetre) dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (over flow 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.	4.00	No.			Each	
12	Providing and fixing plastic seat (solid/ hollow type) and cover for wash down water closet with C.P. brass hinged and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Solid type (i) White plastic seat and cover.	2.00	No.			Each	
13	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						

	Providing and fixing 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 X 90 mm.	1.00	No.			Each	
15	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.	3.00	Rmt			Per Running Metre	
	(ii) 75mm dia	1.20	Rmt			Per Running Metre	
16	Providing and fixing PVC door bed with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete excluding fixing approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 110mm ( one hundred ten milimetre) dia	1.00	No			Each	
	b) 75mm ( Seventy five milimetre) dia	1.00	No			Each	
17	Providing 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) 100mm( one hundred ten milimetre) dia	2.00	No			Each	
	ii) 75mm (seventy five milimetre)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. (a) 110 ( one hundred ten milimetre) mm	1.00	No			Each	
	(b) 75 ( Seventy five milimetre) mm dia	1.00	No			Each	
19	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 ( one hundred ten milimetre) mm dia	1.00	No			Each	
	b) 75 (seventy five milimetre)mm dia	1.00	No			Each	
20	Providing and fixing <b>C.P. grating for floor traps or Nahani trap</b> including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm dia	3.00	Nos			Each	

21	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	
22	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick (i) 2nd class deodar wood	2.50	Sqm			Per Square Metre	
23	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 200x10mm	4.00	Nos			Each	
24	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	4.00	Nos			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.	8.00	Nos			Each	
26	Providing and fixing brass full way valve with wheel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore	1.00	No			Each	
	(b) 20mm nominal bore	1.00	No			Each	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 1,80,200.00
Name of Work :-A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Painting /Distempering work in Type-V set No.17,19 and vacation/due at Kasumpti Shimla-9).				Earnest Money :- 3,700.00
				Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	500.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	600.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	400.00	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	100.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	50.00	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. (a)With Enamel paint white.	200.00	Sqm			Per Square Metre	
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)With Enamel paint white.	50.00	Sqm			Per Square Metre	

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

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

## SCHEDULE OF QUANTITY

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

**Estimated Cost:-** 3,69,718.00


**Name of Work :-** Widening and Improvement of various roads under Kasumpti Sub Division ( SH:- Widening and Improvement of Y-Intersection on Kasumpti to Panthaghati road at Rd 0/00 to 0/008.50). (Under Shimla Smart City Project ).

**Earnest Money :-** 7,400.00

**Time:-** One month

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	14.26	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly	14.26	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(1cement:5sand:10graded stone agg.40mm nominal size).	3.06	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) 1:3:6(One cement:three coarse sand):six graded stone aggregate 20mm(twenty millimetre) nominal size)	51.51	Cum			Per Cubic Metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred millimetre) 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.	50.60	Rmt			Per Running Metre	
6	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.	1.23	Cum			Per Cubic Metre	
7	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	200	Kg.			Per Kilogramme	
8	Demolishing stone rubble masonry 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	35.64	Cum			Per Cubic Metre	
9	Disposal of excavated surplus earth by mechanical transport on approved dumping site surrounding Shimla through all mode of transportation including head load animal load or mechanical means alongwith its leveling and top complete the work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	46.10	Cum			Per Cubic Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,32,800.00	
Name of Work :- A/R & M/O to various residential Qtrs. at Kasumpti Shimla-9 (SH: Providing and fixing Jafri, polycarbonate sheet in type-VI set No.7 at Kasumpti ,polycarbonate sheet in type-VI set No.18 & type IV set No.1 at Mehli Kasumpti Shimla-9 type-VI set No.12 A at Kasumpti Shimla-9).						Earnest Money :- 4,700.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Hollow section.	400.00	Kgs			Per Kilogram	
	a) In Jafri, framed guards bars ladders, railing, brackets and similar work.	500.00	Kgs			Per Kilogram	
2	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm			Per Square Metre	
3	Providing and fixing poly carbonated transparent sheet 2.00mm thick in roofing 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.	45.00	Sqm			Per Square Metre	
4	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 fully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	0.72	Cum			Per Cubic Metre	

5	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)	0.72	Cum			Per Cubic Metre	
6	Providing and fixing M.S. pressed butt hinges with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125x65x2.12mm heavy mm	4.00	Nos			Each	
7	Providing and fixing M.S. sliding door bolts bright finished or/and black enamelled with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16 mm	2.00	Nos			Each	
8	Half brick work using common burnt clay building bricks in super-structure above plinth level upto floor two level using second class building bricks in cement mortar 1:4 (1 Cement:4 Sand) including carriage of material in all lead and lifts as per directions of the Engineer-in-Charge.	0.72	Sqm			Per Square Metre	
9	Providing and fixing attalian Dorze Channell size 45cm long including carriage of material in all lead and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
10	Providing and fixing of aluminium E channel with roller and stike including carriage of material in all lead and lifts as per directions of the Engineer-in-Charge.	20.00	Rmt			Per Running Metre	
11	Providing scaffolding for providing ceiling in building with 40mm dia metre G.I. pipe complete including carriage of material in all lead and lifts as per directions of the Engineer-in-Charge. (i) M.S. pipe 40mm dia (Medium)	10.00	Sqm			Per Square Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,98,258.00	
Name of Work :- A/R & M/O to various residence quarter at Mehli Kasumpti Shimla-9 (SH: Providing and fixing tile and granite in Type-VI set No.12 A at Mehli Kasumpti Shimla-9).						Earnest Money :- 4,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and laying wall tiles of size 600x300mm 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.	78.58	Sqm			Per Square Metre	
2	Providing and fixing 18mm thick gang saw cut (Polished and machiner cut) of thickness 18 mm for wall lining (veneer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse 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 (To be secured to the backing by means of cramps, which shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granite any colour at shade.	10.80	Sqm			Per Square Metre	
3	Providing and fixing diverter with all fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Sqm			Per Square Metre	
						Total	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,75,154.00	
Name of Work :- A/R & M/O to Chief Minister Help line office M.C. Parking Tuti Kandi Shimla (SH:						Earnest Money :- 3,600.00	
Providing and fixing Ceiling, Water proofing treatment over office slab C.M. Help line office Tuti Kandi Shimla).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within all leads including all leads , lifts and carriage of materials at site as directed by the Engineer-in-Charge.	1.90	Cum			Per Cubic Metre	
2	Providing and fixing wire gauge using galvanised M.S. wire gauge (Muga Jali) including all leads , lifts and carriage of materials at site as directed by the Engineer-in-Charge.	22.50	Sqm			Per Square Metre	
3	Preparing the surface to receive water proofing treatment by making surface ready to receive water proofing treatment, cleaning the surface with wire brushes to clean, smooth surface, free of any loose parties/ reinforcement bars/ debries etc. grooving and cleaning all the existing cracks and repairing them with polymer modified mortar washing if required (to be decided by our site incharge) before applying water proofing coat, providing and applying two coat of Brawnflex supertop over single of Brawnflex primw primer as per site requirement and complete in all respect including all leads , lifts and carriage of materials at site as directed by the Engineer-in-Charge allowing drying gap between successive coats.	30.00	Sqm			Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.90	Cum			Per Cubic Metre	
5	Providing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame (frame work to be paid separately) including all leads , lifts and carriage of materials at site as directed by the Engineer-in-Charge. (i)12.31.1 Flat surfaces	20.00	Sqm			Per Square Metre	

6	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm including all leads , lifts and carriage of materials at site as directed by the Engineer-in-Charge.	43.20	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 all leads , lifts and carriage of materials at site as directed by the	4.2	Sqm			Per Square Metre	
8	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	90.50	Sqm			Per Square Metre	
9	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.	90.50	Sqm			Per Square Metre	
10	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	110.50	Sqm			Per Square Metre	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs. 1,76,765/-only

EARNEST MONEY :Rs. 3,600/-only.

TIME ALLOWED : One Months.

NAME OF WORK: A/R & M/O to Type-VI Quarters at Mehli Kasumpti (SH: Covering of Porch in entrance of Floor Set No.12 Type-Vi at Mehli Kasumpti Shimla-9 )


Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	579.86	Kg.		Per Kilogramme	
2	Providing and fixing polycarbonated transparent sheet in roofing with galvanised J or L hooks 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. (i) 2.80 mm thick	52.19	Sqm		Per Square Metre	
3	Providing and fixing J or L hooks with welding complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	500.00	Each		Each	
4	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm		Per Square Metre	
5	Welding by Electric plant for repair work of jaffari etc including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	500.00	P.Cm		Per Centimetre	
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:- 4,18,115.00	
Name of Work :-Improvement & Widening on Baldeyan to Shanel road km.0/000 to 4/720( SH: C/O						Earnest Money :- 8,400.00	
R/Wall at RD. 2/945 to 2/950 ).						Time:- 30 Days.	
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.40	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty 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.	2.250	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).	2.250	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	85.40	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.	9.30	Cum			Per Cubic Metre	

6	Providing deep holes in Breast wall/Retaining wall in stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of material in all leads and lifts as per directions of the Engineer-in-Charge.	45.00	Rmt			Per Runing Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

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

**Estimated Cost:- 2,03,871.00**




**NAME OF WORK:- A/R & M/O on Victory Tunnel to Dhalli Bye Pass road via Long Wood Km.0/00 to 8/00 (SH: C/O Retaining Wall at RD. 2/645 to 2/650)**

**Earnest Money :- 4,100.00**

**Time:- One Month**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	14.70	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	8.80	Cum			Per Cubic Metre	

3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty milimetre) nominal size)	41.70	Cum			Per Cubic Metre	
4	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.	10.00	Rmt			Per Running Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	3.22	Cum			Per Cubic Metre	

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



# SCHEDULE OF QUANTITY

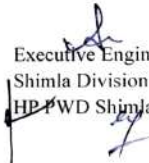
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 426790.00					
Name of Work :-Improvement of Curve on Kufri Chail road Km 0/00 to 25/000.( SH:-Widening of Curve between Rd 5/045 to 5/075,11/565 to 11/595 & 11/770 to 11/830).				Earnest Money :- 8,600.00					
				Time:- 30 Days.					
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Cutting in-earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site, according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in-charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for <b>146.86 Cum @ 300-(Three hundred only )</b> per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	1468.65	Cum			Per Cubic Metre			
								<b>Total</b>	

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

## SCHEDULE OF QUANTITY

<b>Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.</b>						<b>Estimated Cost:- 96,550.00</b>	
<b>Name of Work :- A/R &amp; M/O to various residence quarter at Kasumpti Shimla-9 (SH: Painting/</b>						<b>Earnest Money :- 2,000.00</b>	
<b>Distempering work in Type-III set No.169,114,123,135 &amp; 146 at Kasumpti Shimla-9).</b>						<b>Time:- 30 Days.</b>	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	175.00	Sqm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	125.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	300.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	200.00	Sqm			Per Square Metre	
5	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	175.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	50.00	Sqm			Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	100.00	Sqm			Per Square Metre	
7	Extra over item No. 6 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	50.00	Sqm			Per Square Metre	
8	Applying a coat of mordant solution on G.S. sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) With a solution of 38 gms of copper acetate in a litre of soft water	10.00	Sqm			Per Square Metre	

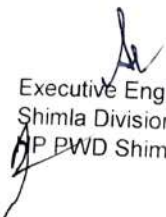
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equvalied on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
10	Wall painting(one coat)with plastic emulsion paint of approved brand and manufacture on decorated wall surface to give an even shade including thoroughly brushing the surface clean of all dirt grease, loose pieces of scale and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	300.00	Sqm			Per Square Metre	
11	Polishing two coats with French polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

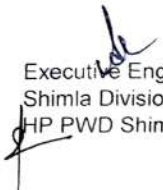
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 99859.00	
Name of Work :-Improvement of Curve on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.( SH:-Widening of Curve between Rd 24/309 to 24/333).							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	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load (animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extem in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for <b>34.36 Cum</b> at 200 -(Three hundred only ) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of servicable 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.	343.63	Cum			Per Cubic Metre		
						<b>Total</b>		

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 443223.00			
Name of Work :-Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.( SH:-						Earnest Money :- 8,900.00			
Widening of Curve between Rd 39/700 to 39/775).						Time:- 30 Days.			
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety ) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load (animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for <b>152.52 Cum @ 300/- (Three hundred only )</b> per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	1525.20	Cum			Per Cubic Metre			
								<b>Total</b>	

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

## SCHEDULE OF QUANTITY

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

Name of Work :- Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.SH:- C/O Repair of Pot Holes by Providing Kharanja Soling between Rd 17/000 to 21/00).

Estimated Cost:- 238341.00

Earnest Money :-4,800.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost) Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge	168.06	Cum			Per Cubic Metre	
2	Stone soling properly hand packed filling interstices 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 HP PWD 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	100.84	Cum			Per Cubic Metre	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 222950.00	
Name of Work :-Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.( SH:-						Earnest Money :- 4,500.00	
Providing Toe Wall for Protection of Existing R/Wall at Rd 35/900 ).						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 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 loads 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).	45.50	Cum			Per Cubic Metre	
						<b>Total</b>	

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

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:-99000.00		
NAME OF WORK: Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.(SH: Hiring of JCB for removal of slips in between RDs 17/00 to 22/000).					Earnest Money :- 2,000.00		
					Time:- 15 Days		
Sr No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Hiring of excavator -cum- loader for removal of snow ,debris and dressing of beams including coat of fuel oil lubricant .wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lifts work shall be executed as per the direction of Engineer -in -Charge.	99.00	Hour			Per Hours	
						Total	

**CONDITION:**

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

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

## SCHEDULE OF QUANTITY

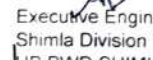
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.  
 Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road km 12/375 to 48/925 ( SH:- C/O B/Wall at Rd 46/434 to 46/450).

Estimated Cost:- 3,89,562.00

Earnest Money :- 7,800.00


Time:- 30 Days.

Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks.(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty 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.	72.32	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (a) Cement Mortar 1:5:10(One cement: five sand: Ten graded stone agg.40mm (forty milimetre) nominal size).	6.72	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	65.76	Cum			Per Cubic Metre	
4	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.00	Rmt			Per Runing Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 215988.00	
Name of Work :-Improvement of Curve on Kufri Chail road Km 0/00 to 25/000.( SH:-Widening of Curve between Rd 14/725 to 14/800).						Earnest Money :- 4,320.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site.. according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	743.25	Cum			Per Cubic Metre	
						<b>Total</b>	


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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-99000.00	
NAME OF WORK: Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.(SH: Hiring of JCB for removal of slips in between RDs 12/375 to 17/000).						Earnest Money :- 2,000.00	
						Time:- 15 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Hiring of excavator -cum- loader for removal of snow ,debris and dressing of beams including cost of fuel oil lubricant ,wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lifts work shall be executed as per the direction of Engineer -in -Charge.	99.00	Hour			Per Hours	
						<b>Total</b>	

### CONDITION


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

  
 Executive Engineer,  
 Shimla Division No.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:- 1,64,252.00	
NAME OF WORK:- A/R & M/O to various roads under Kasumpti Sub Division (SH: C/O link road to Type-I set No.1 to 24 and Type-III set No.65 to 88 from Brock Hurst Vikasnagar road)							Earnest Money :- 3,300.00	
							Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	44.00	Cum			Per Cubic Metre		
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	14.00	Cum			Per Cubic Metre		

3	Providing concrete for plain/reinforced concrete in open foundations complete 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. (I) P.C.C. (i) Nominal mix 1:6:12 (One cement :six sand:twelve graded stone aggregate)	1.44	Cum			Per Cubic Metre	
	(ii) P.C.C. grade M10 (i) Nominal mix 1:3:6(One cement :three sand:six graded stone aggregate).	22.06	Cum			Per Cubic Metre	
4	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.	20.00	Rmt			Per Running Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	3.00	Cum			Per Cubic Metre	
6	Disposal of surplus excavated earth by Mehcanical within all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owener of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public /private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge	50.00	Cum			Per Cubic Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 107725.00					
Name of Work :-Improvement of Curve on Kufri Chail road Km 0/00 to 25/000.( SH:-Widening of				Earnest Money :- 2,200.00					
Curve between Rd 14/350 to 14/375).				Time:- 30 Days.					
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount		
				In figures	In words				
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site, according to the HP.PWD, specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for 37.07 Cum a 300 -(Three hundred only ) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	370.70	Cum			Per Cubic Metre			
								<b>Total</b>	

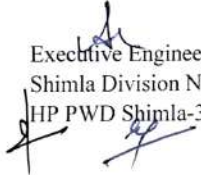
  
 Executive Engineer,  
 Shimla Division No.I,  
 HP PWD Shimla-3

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,02,585.00	
Name of Work :- A/R & M/O various residential Qtrs. at mehli Kasumpti Shimla-9(SH: Repair of toilet and other repair in Type-VI set No.12 A at Mehli Kasumpti Shimla-9).						Earnest Money :- 6.100.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. ( a) 9mm thick.	17.40	Sqm			Per Square Metre	
2	Providing and fixing square edges cover fillets (beading) 50mmx12mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian Teak wood	15.00	Rmt			Per Running Metre	
3	Providing and fixing PVC sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.40	Sqm			Per Square Metre	
4	Providing and fixing 12mm thick pine wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 12mm thick	17.50	Sqm			Per Square Metre	
5	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.	260.00	Sqm			Per Square Metre	
6	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacture. Over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	260.00	Sqm			Per Square Metre	
7	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	450.00	Sqm			Per Square Metre	
8	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) One or more coats on old work	250.00	Sqm			Per Square Metre	

9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarled on undecorated wall surfaces (two coats) to give an even shade and final finish after throughly leaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	120.00	Sqm			Per Square Metre	
10	Applying spirit or oil stains (any colour)on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
11	Applying three coat of seclar filling on new wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
12	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.	100.00	Sqm			Per Square Metre	
13	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	10.00	Rmt			Per Running Metre	
14	Providing and fixing one piece 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.(cat No.SLS-WHT-6851520PP).	3.00	Nos			Each	
15	Providing and fixing health faucet including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.(a) 15mm (CAT NO.OPP-CHR-15079 MKPM)	3.00	Nos			Each	
16	Providing and fixing glass corner including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
17	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	


18	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.(LXS-WHT-38801+38301 AT No.)	3.00	No			Each	
19	Providing and fixing of looking mirror including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Sqm			Per Square Metre	
20	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board, Facia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	2.88	Sqm			Per Square Metre	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.		Estimated Cost:- 302934.00
Name of Work :- Construction of Link road Old Kasumpti to Kohan via Village Barwra Padrew road Km 0/00 to 0/00 (SI:- C/O Removal formation deficiency Rd 0/400 to 0/900).		Earnest Money :-6,100.00
		Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site, according to the H.P.P.W.D. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-charge. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	527.00	Cum			Per Cubic Metre	
2	Removal of landslides /slip clearance. Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with in a left up to 1.5 metre and land upto 1000 meter as per technical specification 302.3.5 and 1611	935.00	Cum			Per Cubic Metre	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITIES


ESTIMATED COST Rs. 4,75,822/-only

EARNEST MONEY :Rs. 9,600-only

TIME ALLOWED : two Months.

Name of Work :- Construction of Pedestrian path from St. Bed's Chowk to Sanjauli Shimla ( Sh:-Providing and laying chequered tiles on Pedestrian path on M.R.R. Via Chotta Shimla in Km. 154/100 to 155/270 )

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Providing and laying 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).	323.00	Sqm		Per Square metre	
2	15 mm cement plaster in single coat on fair side of brick/concrete walls for internal lastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. ( i) Cement mortar 1:6 (1 cement:6 sand)	51.00	Sqm		Per Square Metre	
3	Painting two coat(excluding priming coat) on new masanary/ concrete surface based surfaces with Syanthic enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping.	51.00	Sqm		Per Square metre	
					<b>Total</b>	

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

## SCHEDULE OF QUANTITY

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

**Estimated Cost:- 1,48,316.00**

**Name of Work :- A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH: Repair of Kitchen, W.C., Bath and minor repair work in type-I set No.3 at Kasumpti).**

**Earnest Money :- 3,000.00**

**Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm.	10.71	Sqm			Per Square Metre	
2	Demolition above G.L.upto all floor level including disposal of unserviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)un-reinforced cement concrete more than 15cm. Thickness.	1.17	Cum			Per Cubic Metre	
3	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 Kg.(Two point seventy five Kilogram) of cement per Sq.metre of floor area before laying cement concrete flooring including roughening, cleaning of the concrete surfaces complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.52	Sqm			Per Square Metre	
4	Providing and laying Ceramic digital tiles in grey/coloured or of approved shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3(1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(Nitco/Kajaria Make or Equal)	4.19	Sqm.			Per Square Metre	
5	Providing and laying Ceramic tiles (300x300mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3(1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Nitco Make or Equal)	6.52	Sqm.			Per Square Metre	
6	Disposal of demolish concrete complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.44	Cum			Per Cubic Metre	
7	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) <b>15mm nominal bore.</b>	4.00	Rmt			Per Running Metre	
8	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	12.00	Nos			Each	

9	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.	14.66	Sqm			Per Square Metre	
10	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	4.69	Sqm			Per Square Metre	
11	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.	4.69	Sqm			Per Square Metre	
12	Providing and fixing magnetic catchers ISI marked with necessary screw etc, complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each	
13	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen milimetre into six milimetre) section including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	23.15	Rmt			Per Running Metre	
14	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.	4.69	Sqm			Per Square Metre	
15	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.	18.98	Sqm			Per Square Metre	
16	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.	18.98	Sqm			Per Square Metre	
17	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
18	Providing and fixing PVC waste pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia	2.00	Nos			Each	
19	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
20	Providing and fixing P.V.C connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. A) 300/450mm length :- i) 15mm nominal bore	2.00	Nos			Each	

21	Providing and fixing C.P.Brass waste and plug for glazed ware sinks, basins, etc. with long screwed shank and fly nut and fixed to steel pipe including vulcanite plug, brass chain and stud including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32mm nominal bore	1.00	No			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.	1.00	No			Each	
23	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. SEEKO	4.00	Nos			Each	
24	Providing and fixing C.P. Bras pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia. SEEKO	1.00	No			Each	
25	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			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) 750mm x 20mm	1.00	No			Each	
27	Providing and fixing PVC Arcylic corner shelf complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
28	Providing and fixing brass bib tap (Superior or heavy type) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm dia SEEKO	2.00	Nos			Each	
29	Providing and fixing Ealuminium Channel for glass shutter sliding complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.50	Rmt			Per Running Metre	
30	Supplying and fixing glass panel in E aluminium channel including rehu roller for sliding smoothly and stickers complete in all respect ( E channel paid seprately ) : Plain glass : 4 mm thick including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.45	Sqm			Per Square Metre	
31	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
32	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 75mm nominal diameter	2.00	Nos			Each	
33	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	2.00	Rmt			Per Running Metre	

34	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	1.00	No		Each	
35	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	1.00	No		Each	
36	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all metres lead upto dumping site which will be arranged by contractor him self including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) <b>In cement mortar.</b>	0.41	Cum		Per Cubic Metre	
37	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)2nd class Deodar wood.	0.0009	Cum		Per Cubic Metre	
38	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood.	1.79	Sqm		Per Square Metre	
39	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of 1.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 40mm thick 2nd class deodar wood.	1.79	Sqm		Per Square Metre	
40	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	2.00	Nos		Each	
41	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen millimetre)	1.00	No		Each	
42	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos		Each	
43	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos		Each	
44	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm		Per Square Metre	

45	Distempering(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface free of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
46	Extra over item No. 45 for every sub sequent coat of distempering with oil bound washable distemper of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre	
47	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm.			Per Square Metre	
48	Painting one coat(excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint.	50.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white.	50.00	Sqm.			Per Square Metre	
49	Extra over item No. 48 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint	25.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white.	25.00	Sqm.			Per Square Metre	
50	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm			Per Square Metre	
51	Extra over item No. 50 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	50.00	Sqm			Per Square Metre	

52	Providing and fixing 10mm thick antiskid water proof stain and impact resistant heavy duty vetrified tiles Niteo or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1cement:3sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.48	Sqm			Per Square Metre	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,27,052.00	
Name of Work :- A/R & M/O type-I to VI Qtrs. at Mehli Kasumpti, Shimla-9 (SH: Covering of Balcony and other repair work set No.9,17 and 18 type-III at Mehli Kasumpti shimla -9).						Earnest Money :- 6,600.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No of Qty		Estimated Rate		Unit	Amount
				In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	372.08	kg			Per Kilogramme	
2	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-I including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.20	Sqm			Per Square Metre	
3	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.	20.63	Sqm			Per Square 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 (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm (six hundred into six hundred millimetre)	20.25	Sqm			Per Square Metre	
5	Providing and fixing waste basin pedestal including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
6	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 :- (i) 90mm nominal diameter	4.00	Nos			Each	
7	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	4.00	Nos			Each	
8	Providing and fixing C.P. Brass stop cocks/Angle cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15mm dia.	12.00	Nos			Each	
9	Providing and fixing bright finished Stainless steel handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm	20.00	Nos			Each	
10	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	Nos			Each	
11	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). (i) Anglo Indian	2.00	Nos			Each	

13	Providing and fixing P.M.T.F. (2) size of approved quality and colour with one metre tube and standard 1/2" dia. 15mm and 1/2" dia. 15mm per directions of the Engineer-in-Charge.	2.00	Nos			Each	
14	Providing and fixing P.M.T.F. (2) size of approved quality and colour with one metre tube and standard 1/2" dia. 15mm and 1/2" dia. 15mm per directions of the Engineer-in-Charge.	2.00	Nos			Each	
15	Providing and fixing P.M.T.F. (2) size of approved quality and colour with one metre tube and standard 1/2" dia. 15mm and 1/2" dia. 15mm per directions of the Engineer-in-Charge.	2.00	Nos			Each	
16	Removal of dry oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	450.00	sqm			Per Square Metre	
17	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.	450.00	sqm			Per Square Metre	
18	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats).	1020.00	sqm			Per Square Metre	
19	Painting Acrylic paint of approved brand including preparing the surface by thoroughly brushing the surface free from mortar droppings and other foreign matters, sand papering the surface smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) with white enamel paint Charge	660.00	sqm			Per Square Metre	
20	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 3,72,145.00
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road km 12/375 to 48/925 ( SH:- C/O B/Wall at Rd 21/469 to 21/485).							Earnest Money :- 7,500.00
							Time:- 30 Days.
Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks.(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	72.32	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand Ten graded stone agg.40mm (forty millimetre) nominal size).	6.72	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement: Four sand Eight graded stone agg.20mm (twenty millimetre) nominal size).	65.76	Cum			Per Cubic Metre	
4	Providing weep holes in Breast wall Retaining wall on stone masonry with 100mm & P.V.C. pipe with slope of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.00	Rmt			Per Running Metre	
						Total	

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

# SCHEDULE OF QUANTITY

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

Estimated Cost:- 1,17,576.00

NAME OF WORK:- Improvement & Widening of Elysium to Devidhar Road Km.0/00 to 16/300 (SH: C/O U. Shape Drain with grating at RD.2/534 to 2/555)

Earnest Money :- 2,400.00

Time:- Two Months

Sl. No.	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lift including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. <b>All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).</b> Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his own cost in all cases. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.44	Cum			Per Cubic Metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete 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. I. P.C.C. grade M 10 (i) Nominal mix 1:3:6 (1cement :3sand: 6graded).	4.20	Cum			Per Cubic Metre	
3	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	860.82	Kg.			Per Kilo-gram.	
						<b>Total</b>	

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

# SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 2,54,645.00	
NAME OF WORK:- Improvement and widening circular road near Auckland Tunnel (SH: Si te clearance work on Devidhar road at RD. 0/120 to 0/165)							Earnest Money :- 5,100.00	
							Time:- One Month	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including: dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site, dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	417.45	Cum			Per Cubic Metre		
2	Disposal of excavated surplus earth by mechanical transport on approved dumping site surrounding Shimla through all modes of transportation including head load or mechanical means along with its leveling and top complete the work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	417.45	Cum			Per Cubic Metre		

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

## SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 3,86,985.00	
NAME OF WORK:- Improvement and widening of Elysium to Devidhar road Km.0/00 to 16/300 (SH: C/O							Earnest Money :- 7,800.00	
Breast Wall at RD.0/455 to 0/465 and U Shape Drain)							Time:- One Month	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD, specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour ( if required ). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	46.58	Cum			Per Cubic Metre		
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	25.00	Cum			Per Cubic Metre		

3	Providing concrete for plain/reinforced concrete in open foundations complete 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. <b>I. P.C.C. grade M 10 (i) Nominal mix 1:3:6(1cement:3sand:6graded ) (Hand mixing).</b>	68.25	Cum				
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	30.00	Rmt			Per Running Metre	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 4,95,721.00		
Name of Work :- Construction of Institute of Hotel Management at Kufri Shimla( SH:-Providing and Fixing Chequered plate in Car parking ).					Earnest Money :-10,000.00		
					Time:- 30 Days.		
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting, fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) i) Chequered plate 8 mm thick	3965.77	Kg			Per Kilogramme	
						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:- 2,75,263.00	
Name of Work :- Improvement of Vikasnagar to Kasumpti via SDA complex road Km.0/00 to 0/500 (SH: Repair of drain in various RD's on Vikasnagar to Kasumpti via SDA complex road).						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	Excavation in drains and channels etc., in earth work in all heights and in all kinds of soil such as kankar, moorum, shingle boulders composed or soft variety of soil like spade work, pick work, jumper work, soft rock and hard rock including their intermediate classification and chiseling /wedging out of rock where blasting is prohibited including dressing of side and bed and disposal of all surplus excavated un-serviceable earth in all leads and lifts through mechanically transport or by head load or any other mode of transportation at approved dumping site as per the direction of the Engineer-in-Charge.	40.49	Cum			Per Cubic Metre	
2	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.	11.50	Cum			Per Cubic Metre	
3	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.	37.25	Cum			Per Cubic Metre	
4	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.	62.50	Sqm			Per Square Metre	
5	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm dia nominal bore	15.00	Rmt			Per Running Metre	
	(b) 20mm dia nominal bore	3.00	Rmt			Per Running Metre	

	(c )25mm dia nominal bore	3.00	Rmt			Per Running Metre	
	(d ) 32mm dia nominal bore	3.00	Rmt			Per Running Metre	
	(e ) 40mm dia nominal bore	3.00	Rmt			Per Running Metre	
	(f ) 50mm dia nominal bore	3.00	Rmt			Per Running Metre	
6	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. (a)15 mm nominal bore	2.00	Nos			Each	
	(b) 20mm dia nominal bore	2.00	Nos			Each	
	(c )25mm dia nominal bore	2.00	Nos			Each	
	(d ) 32mm dia nominal bore	2.00	Nos			Each	
	(e ) 40mm dia nominal bore	2.00	Nos			Each	
	(f ) 50mm dia nominal bore	2.00	Nos			Each	
7	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	20.11	Cum			Per Cubic Metre	

8	Disposal of surplus excavated earth by Mechanical within all leads on approved dumping site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owner of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public /private property during the course of disposal shall be the absolute responsibility of the contractor which shall have to be fully compensated by him in all respect as per direction of Engineer-in-Charge.	20.11	Cum			Per Cubic Metre	
						<b>Total</b>	

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

## SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:-3,56,652.00	
Name of Work :- A/R & M/O to various residential Qtrs. Type-I to VI at Kasumpti Shimla-9 (SH: Re-stuffing of sofa in Type-V set No.20 and flooring, wall lining and cup board in type-IV set No.42 at Kasumpti Shimla-9)							Earnest Money :- 7,200.00	
							Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.28	Sqm			Per Square Metre		
2	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	21.60	Sqm			Per Square Metre		
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.28	Sqm			Per Square Metre		
4	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	30.00	Rmt			Per Running Metre		
5	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each		
6	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	10.00	Nos			Each		
7	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 9mm thick.	32.40	Sqm			Per Square Metre		
	(b) 6mm thick.	14.40	Sqm			Per Square Metre		
8	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.	80.00	Sqm			Per Square Metre		
9	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre		

10	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	120.00	Sqm			Per Square Metre	
11	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 with white lead for priming.	100.00	Sqm			Per Square Metre	
12	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (A) 40mm thick i) 2nd class Deodar wood	2.08	Sqm			Per Square Metre	
13	Providing and fixing 12mm thick water proof shuttering densified ply in flooring with butt joining 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) 12mm thick	33.00	Sqm			Per Square Metre	
14	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG	33.00	Sqm			Per Square Metre	
15	Upholstering sofa sets three seater with seat and back with marking or tapestry cloth cutting to shape, stitching and fixing etc. including properly securing springs in position with twines 'U' hooks and cane strick etc. and fixing foam padding in seat and back complete including cost of tapestry cloth, foam sheet complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
16	Upholstering sofa sets single seater with seat and back with marking or tapestry cloth cutting to shape, stitching and fixing etc. including properly securing springs in position with twines 'U' hooks and cane strick etc. and fixing foam padding in seat and back complete including cost of tapestry cloth, foam sheet complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
17	Providing and fixing 12mm thick pine wood lining with butt jointing and nails(frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 12mm thick	34.20	Sqm			Per Square Metre	
18	Providing and fixing PVC wall 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.	15.60	Sqm			Per Square Metre	
19	Providing and fixing PVC sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	34.20	Sqm			Per Square Metre	

20	Applying sprit or oil stains (any colour) on new wood and wood based surfaces to given an even surface including cleaning the surfaces of all,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
21	Applying a coat of seclar filling on wood and new wood based surfaces to given an even surface including cleaning the surface of alk1 dirt, dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	50.00	Sqm.			Per Square Metre	
22	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm.			Per Square Metre	
						<b>Total</b>	

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

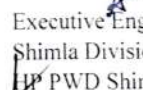
## SCHEDULE OF QUANTITY

**Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.** **Estimated Cost:- 2,09,093.00**

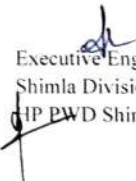
**Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Providing and fixing cup baord, Painting work & PVC in type-III set No.145,146 & 148 at Kasumpti Shimla-9)** **Earnest Money :- 4,200.00**  
**Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	30.26	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	25.72	Sqm			Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.40	Sqm			Per Square Metre	
4	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen millimetre into six millimetre) section including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	68.80	Rmt			Per Running Metre	
5	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	42.00	Nos			Each	
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.	42.00	Nos			Each	
7	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. ( a) 6mm thick.	11.28	Sqm			Per Square Metre	
8	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.	120.72	Sqm			Per Square Metre	

9	Painting two coats (excluding priming coat) on new wood and wood based surfaces, with readymixed paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. ( a) White enamel paint	120.72	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.	120.72	Sqm.			Per Square Metre	
11	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	300.00	Sqm.			Per Square Metre	
12	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm.			Per Square Metre	
13	Providing and fixing 1.5mm thick pvc antistatic vinyl flooring plain or coloured, carbed or mosaic/ metallised 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 OR EQUIVALENT)	70.00	Sqm			Per Square Metre	
						<b>Total</b>	


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

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 84,000.00	
NAME OF WORK:- Up-gradation of road including F/D from Sanjauli Bye Pass to Village China, Km 0/00 to Km.3/00 in District Shimla (H.P.) (SH: Preperation of Detailed Project Report).						Earnest Money :- 1,700.00	
						Time:- One Month	
Sr. No.	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Preperation of Detailed Project Report which includes following provisions as mentioned below:- i) Topography survey by digital total station with two second accuracy showing all features on survey plan like trees, culvert, bridges, electric poles, telephones, hand pumps, school, habitants villages etc. ii) Draw cross-sections at 15m intervals, L-Section and calculate the quantity of earth work in standard format of autocad showing all the layers of pavement components as applicable. iii) Preperation of survey plan showing all details as per MORD guidelines and specifications, If any correction ammendments will be desired by the office the same shall 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 shall be submitted in four copies including soft copy(Pdf, Excel and Cad file) as per the requirement of Engineer-in-Charge including all type of incidental charges.	3.00	Kms.			Per Kilo-Metre	
2	CBR test including grain size analysis, atterbergs limit, project compaction and CBR value upto the entire satisfaction of Engineer-in-Charge including all type of incidental charges.	6.00	No			Each	

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

## SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,08,960.00	
NAME OF WORK:- Construction of road from Dumi to Karechi from Km.0/00 to 10/165 in District Shimla (H.P.) and C/O 19.75 Mtr. Span Bridge under NABARD (SH: Preparation of detailed Project Report of road and Bridge).						Earnest Money :- 6,200.00	
						Time:- One Month	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Preperation of Detailed Project Report which includes following provisions as mentioned below:- i) Topography survey by digital total station with two second accuracy showing all features on survey plan like trees, culvert, bridges, electric poles, telephones, hand pumps, school, habitants villages etc. ii) Draw cross-sections at 15m intervals, L-Section and calculate the quantity of earth work in standard format of autocad showing all the layers of pavement components as applicable. iii) Preperation of survey plan showing all details as per MORD guidelines and specifications, If any correction/ammendments will be desired by the office the same shall 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 shall be submitted in four copies including soft copy(Pdf. Excel and Cad file) as per the requirement of Engineer-in-Charge including all type of incidental charges.	10.17	Kms.			Per Kilo-Metre	
2	Preperation of Detailed Project Report construction of 19.75 Mtr. Span Bridge Under NABARD including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
3	CBR test including grain size analysis, atterbergs limit, project compaction and CBR value upto the entire satisfaction of Engineer-in-Charge including all type of incidental charges.	20.00	No			Each	

  
 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:- 91,832.00	
Name of Work :-Improvement & Widening on Fagu to Cheog road km.0/000 to 5/600( SH: C/O R/Wall at RD. 5/420 to 5/426 ).						Earnest Money :- 1,900.00	
						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.	6.75	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.	2.700	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).	2.700	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).	15.75	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.	3.60	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.	18.60	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:- 99996.00

Name of Work :- Improvement of Mehli Gussan road Km 0/00 to 5/420 (SH:- C/O Repair of Pot Holes by

Earnest Money :-2,000.00

Providing and Laying Kharanja Soling & C.C Pavement in between Rd 0/00 to 1/00).

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	23.50	Cum			Per Cubic Metre	
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials morum or earth etc. complete as per HP PWD 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.	14.10	Cum			Per Cubic Metre	
3	Providing 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.(i) R.C.C grade M25 1:1.5:3 a) (one cement ratio one point five sand ratio three graded stone agg 20mm nominal size).	9.39	Cum			Per Cubic Metre	
						<b>Total</b>	

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