

Himachal Pradesh
Public Works Department

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

13504

Dated:- 29-9-2022

To


The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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


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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

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

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

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

06-10-2022 upto 4:00 PM
07-10-2022 upto 4:00 PM
10-10-2022 up to 10:30 AM
10-10-2022 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	Improvement of Curve in Janedghat Dubloo road km. 0/00 to 15/00 (SH:- Widening of curves between RD. 5/295 to 5/328).	97035/-	2000/-	350/-	30 days	Class-D
2	A/R & M/O to various resid. Qtr at Brock Hurst Shimla-2 (SH:- C/O Retaining wall , in approach to type-II set no. 41 to 48).	88350/-	1800/-	350/-	30 days	Class-D
3	A/R & M/O to various residence quarter under Kasumpti Shimla-9 (SH:- Providing and fixing of cup board ,painting /distempering and minor repair work in type-IV set NO.49 at Kasumpti Shimla-9).	89394/-	1800/-	350/-	60 days	Class-D
4	A/R & M/O various type-III & Type-IV GAD at parimahal Kasumpti Shimla-9 (SH:- Repair of work in toilet bath room kitchen, in type-III 81,82 and 83 white washing distempering etc in type-III set nO.81 under parimahal section).	253587/-	5100/-	350/-	60 days	Class-D
5	Improvement and widening of road on Shimla Mandi road km. 6/00 to 22/00 (SH:- C/O R/wall at RD. 14/585 to 14/590).	263103/-	5300/-	350/-	30 days	Class-D
6	A/R & M/O various residential quarter type-I to VI at Kasumpti Shimla-9 (SH:- Providing and fixing of vellore carpet in type-V set no. 17 at Kasumpti Shimla-9).	60077/-	1300/-	350/-	30 days	Class-D
7	A/R & M/O to various roads under Kasumpti Shimla-2 (SH:- P/L Heavy-duty precast cement interlocking Paver Block (Dismantled) in Chotta Shimla to Kasumpti road at RD. 1/065 to 1/145 at Brock Hurst).	98480/-	2000/-	350/-	30 days	Class-D
8	A/R & M/O to various residential qtrs under Kasumpti Sub Division Shimla-9 (SH:- Providing and Fixing Broda green Marble in servant in Servant Qtr 17 to 22 at Brock Hurst Shimla-9).	99592/-	2000/-	350/-	60 days	Class-D
9	A/R & M/O to various type-III and type-IV GAD Qtrs at pari-Mahal Kasumpti Shimla-9 (SH:- P/F PVC flooring in type-III set nO. 23 under parimahal section).	52018/-	1100/-	350/-	30 days	Class-D
10	A/R & M/O store near out house No.1 Windsor cottage Kasumpti Shimla (SH:- C/O store room at Mehli Kasumpti Shimla).	205768/-	4200/-	350/-	60 days	Class-D
11	A/R & M/O to various residential qtrs at Kasumpti Shimla-9 (SH:- Providing and fixing cup board and minor repair work in type-III set No.139 and 212 at Kasumpti Shimla-9).	99611/-	2000/-	350/-	60 days	Class-D
12	Improvement & Widening Chotta Shimla Kasumpti Panthaghatti road km. 0/00 to 2/385 (SH:- C/O Retaining wall between Rd., 1/599 to 1/601.50 and 1/925 to 1/940).	98213/-	2000/-	350/-	30 days	Class-D
13	Improvement and widening of chotta Shimla Kasumpti pant6haghatti road (SH:- providing and fixing road side grating RD. 0/00 to 0/660).	255041/-	5100/-	350/-	60 days	Class-D
14	A/R & M/O Mechanical Circle building at Dhali Shimla (SH:- Paneling, ceiling in Assistant Engineer (B & R0 and J.E (B & R) room and frame work of ramp portion to Mechanical Circle office).	270054/-	5500/-	350/-	60 days	Class-D
15	Improvement & widening of Chamyana to Surala road km. 0/00 to 6/00 (SH:- Construction of Retaining wall with Toe wall at RD. 0/545 to 0/552).	415012/-	8300/-	350/-	60 days	Class-D
16	Improvement of widening of M.R.R. via Lakkar Bazar road km. 147/035 to 153/075 (SH:- Repair of Auckland Tunnel M.S pipe Railing 147/825 to 147/903).	96703/-	2000/-	350/-	60 days	Class-D
17	Improvement of Curve on shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Widening fo curve between RD. 40/450 to 40/470).	99780/-	2000/-	350/-	30 days	Class-D
18	A/R & M/O to MRR via Chotta Shimla ad KSC road km. 145/00 to 156/640 (SH:- Providing painting work of road side railings at various RDs on Circular road).	152671/-	3100/-	350/-	30 days	Class-D
19	A/R & M/O to various type-III & Type-IV GAD at Parimahal Kasumpti Shimla-9 (SH:- P/F accessories white washing etc, in type-III set nO. 14 P/F cup board in type-III 15 and servant qtr No.1 under Parimahal section).	114018/-	2300/-	350/-	60 days	Class-D
20	Widening /Improvement on road from Chotta Shimla to Kasumpti road in Shimla town (SH:- Widening of road between Rd. 2/020 to 2/050, 2/120 to 2/185 and 2/190 to 2/215).	364914/-	7300/-	350/-	30 days	Class-D
21	A/R & M/O to various residence qtr under Kasumpti Sub Division Shimla-9 (SH:- Renovation of toilet bath and minor repair work in type-V set nO.17 and 19 at Kasumpti Shimla-9).	185033/-	3700/-	350/-	60 days	Class-D

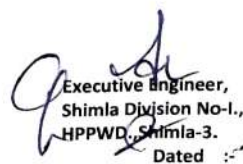
22	Construction/Improvement on road from Chotta Shimla to Kasumpti in Shimla Town (SH:- Preparation of Detail project report, Survey work preparation of Drawings L-sections plan X-sections of chotta Shimla to Kasumpti (under smart city project).	93600/-	1900/-	350/-	30 days	Class-D
23	Construction of Librarary Art & craft Room and Computer Room for GSSS Janedghat Distt. Shimla Under RMSA (SH;- C/O Internal Balance work)(Deposit work).	492218/-	9900/-	350/-	30 days	Class-D
24	A/R & M/O to various residential qtrs at Kasumpti Shimla-9 (SH;- Providing and fixing cup board and minor repair work in type-III set No.153 and 140 at Kasumpti Shimla-9).	93366/-	1900/-	350/-	60 days	Class-D
25	A/R & M/O Type-I to VI Qtrs at Mehli Kasumpti Shimla-9 (SH;- Providing and fixing cup board and PVC flooring type-III set no.4 at Mehli Kasumpti Shimla-9).	95779/-	2000/-	350/-	30 days	Class-D
26	A/R & M/O to various residence qtrs at Brock Hurst Kasumpti Shimla-9 (SH;- Improvement of approach in cottage No.3,4,5 & 6 and wall tiles in type-II set No.41-42 at Brock Hurst Shimla Kasumpti Shimla-9	222290/-	4500/-	350/-	60 days	Class-D
27	Improvement and widening to Dharpur Baldeyan seonthal roads under sub Division mashobra at Dhalli (SH;- P/L of hot applied Thermopl astic edge line , RDs 14/00 to 15/00 & 16/00 to 17/00).	273000/-	5500/-	350/-	60 days	Class-D
28	Improvement and Widening to Dharpur Baldeyan seonthal roads under sub Division mashobra at Dhalli (SH;- P/L of hot applied Thermoplastic edge line, Rd. 0/00 to 3/00 & 3/00 to 4/00).	175500/-	3600/-	350/-	60 days	Class-D
29	Improvement /Widening Ever sunny to Pagog road km. 0/00 to 5/00 (SH;- C/O R/wall at RD. 0/630 to 0/639.20).	450934/-	9100/-	350/-	30 days	Class-D
30	Repair to Veterinary Hospital Building at Sargheen panthaghati (SH;- P/L vitrified tiles, P/L Door, Glazing and ceiling etc).	496181/-	10000/-	350/-	30 days	Class-D
31	Improvement & Widneing on Baldeyan to Dharpur road km. 0/00 to 10/00 (SH;- R/wall between km. 3/890 to 3/895).	351194/-	7100/-	350/-	30 days	Class-D
32	A/R & M/O O/O Directorate of Prosecution, Block N. 22 SDA Complex Kasumpti Shimla-9 (SH;- Painting and Distemping White washing etc in various rooms).	102352/-	2100/-	350/-	60 days	Class-D
33	Improvement & Widenign on Bharari to Bhont road km. 0/00 to 4/00 (SH;- C/O Retaining wall at RD. 2/580 to 2/582.50).	88945/-	1800/-	350/-	60 days	Class-D

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

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

No.PW-SD-I/CB-Tender/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 Dsitt. 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 : 29/9/22


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 97035.00	
Name of Work :- Improvement of Curve in Janedghat Dubloo road Km 0/00 to 15/000. (SH :- Widening of curves between RD 5/295 to 5/328).						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 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 21.58 Cum @ 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.	431.65	Cum			Per Cubic Metre	
						Total	


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

DRAFT SCHEDULE OF QUANTITY

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

Estimated Cost:- 88350.00

NAME OF WORK:-A/R & M/O to various resid. Qtr at Brock Hurst Shimla 2 (SH: - C/O. Retaining Wall, in approach to Type - II Set No. 41 to 48).

Earnest Money :- 1800.00

Time:- 30 Days.


Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. (i)All kinds of soil	21.00	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level(i) 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 20 mm nominal size) as directed by Engineer-in-charge	18.00	Cum			Per Cubic Metre	
Total :-							

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 89,394.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Shimla-9 (SH: Providing and fixing of cup board , painting/distempering and minor repair work in Type-IV set No.49 at Kasumpti Shimla-9).						Earnest Money :- 1,800.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	Unit	Amount	
				In figures In words			
1	Providing and fixing 1.5mm 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	50.75	Sqm		Per Square Metre		
2	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(nine milimetre) thick.	36.75	Sqm		Per Square Metre		
3	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	100.00	Sqm		Per Square Metre		
	b) With enamel paint other than white.	50.00	Sqm		Per Square Metre		
4	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	75.00	Sqm		Per Square Metre		
	b) With enamel paint other than white.	25.00	Sqm		Per Square Metre		
5	Painting one coat (excluding priming coat) on previously painted steel and othermetal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	50.00	Sqm		Per Square Metre		
6	Extra over item No. 5 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)With white enamel paint	25.00	Sqm		Per Square Metre		

7	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.	100.00	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.	50.00	Sqm			Per Square Metre	
9	Polishing one 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.	50.00	Sqm			Per Square Metre	
10	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
						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:- 2,53,587.00	
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9 (SH: Repair work in Toilet , Bathroom, Kitchen, in Type-III 81,82 and 83, white washing/ distempering etc. in Type-III set No.81 under Parimahal Section)						Earnest Money :- 5,100.00	
						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 50 (fifty)metres lead as per direction of Engineer - in- charge.	0.12	Cum			Per Cubic Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:4:8 or richer mix (i/c equivalent design mix).	2.54	Cum			Per Cubic Metre	
	(ii) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.93	Cum			Per Cubic Metre	
3	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	46.15	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)1:3:6 (one Cement : three coarse sand) : six graded stone aggregate 20mm (twenty milimetre) nominal size)	2.59	Cum			Per Cubic Metre	
	(ii)1:2:4 (one Cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	0.05	Cum			Per Cubic Metre	
5	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.86	Sqm			Per Square Metre	

6	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight milimetre) thick	72.23	Sqm			Per Square Metre	
7	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	2.00	Nos			Each	
8	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.1 SOLID TYPE (a) white plastic seat and cover	3.00	Nos			Each	
9	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 10 litre capacity - White	3.00	Nos			Each	
10	Providing and fixing 8mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. traingular plate to Eueropean type W.C. of quality and make as approved by Engineer-in-Charge.	3.00	Nos			Each	
11	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each	
12	Providing and Fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm long towel rail with total length of 645mm,width 78mm and effective height of 88mm weighing not less than 88 gms.	1.00	No			Each	
13	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
14	Providing and fixing 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

15	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Seiko or Equivalent	2.00	Nos			Each	
16	Providing and fixing C.P. Brass bib cock of approved quality conforming to IS: 8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore.	3.00	Nos			Each	
17	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore with 45cm length.	3.00	Nos			Each	
18	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Flexible pipe (a) 32mm dia	2.00	Nos			Each	
19	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
20	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	6.00	Nos			Each	
21	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	16.20	Rmt			Per Running Metre	
22	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	2.00	Nos			Each	
23	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)110mm dia.	10.00	Rmt			Per Running Metre	
	b) 90mm dia	13.00	Rmt			Per Running Metre	
24	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110mm dia	4.00	Nos			Each	
	(b) 90mm dia	5.00	Nos			Each	

25	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 110 mm (one hundred ten milimetre) dia	6.00	Nos			Each	
	b) 90mm (Ninety milimetre)dia	9.00	Nos			Each	
26	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	3.00	Nos			Each	
	(b) 90 mm dia.	5.00	Nos			Each	
27	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 110x90 mm dia	3.00	Nos			Each	
28	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm.	8.00	Nos			Each	
29	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	2.00	Nos			Each	
	(b) 90 mm dia.	4.00	Nos			Each	
30	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	2.00	No			Each	
	(b)90 mm dia.	4.00	No			Each	
31	Providing and fixing 15mm mixer for kitchen sink with top/bottom swinging spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
32	Providing and fixing one hole basin mixing Faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
33	Providing and fixing wall mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
34	Marble work (table rubbed and polished for walls lining) Veneer work 2.50cm. thick in cement mortar 1:3 (1 cement:3 sand) including pointing with white cement mortar 1:2 (1white cement: 2 marble dust) with an admixture of pigment to match the marble shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Baroda Green Marble .	3.00	Sqm			Per Square Metre	

35	Providing and nosing of marble edges in marble work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.74	Rmt			Per Running Metre	
36	Providing and fixing vitreous China wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back (i) 550mmx400mm	1.00	No			Each	
37	Providing and fixing C.P. Brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia	1.00	No			Each	
38	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required (i)Kitchen sink with drain board(a)510x1040 mm bowl depth 250mm	1.00	No			Each	
39	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	1.490	Sqm			Per Square Metre	
40	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 40mm thick (i)2nd class deodar wood	1.49	Sqm			Per Square Metre	
41	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm	4.00	Nos			Each	
	(ii) 200x10mm	4.00	Nos			Each	
42	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	4.00	Nos			Each	
43	Providing and fixing bright finished brass hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200mm	2.00	Nos			Each	
44	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)	173.15	Sqm			Per Square Metre	


45	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.	173.15	Sqm			Per Square Metre	
46	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.	76.18	Sqm			Per Square Metre	
47	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.	95.68	Sqm			Per Square Metre	
48	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.	6.92	Sqm			Per Square Metre	
49	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.	6.92	Sqm			Per Square Metre	
50	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood	0.01	Cum			Per Cubic Metre	
51	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Cement Mortar 1:5 (1 Cement : 5 Sand)	10.00	Sqm			Per Square Metre	
52	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.00	No			Each	

53	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. (i) Orissa pattern W.C Pan of size 580x440 mm	4.00	Nos			Each	
						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:- 60,077.00	
Name of Work :- A/R & M/O various residential quarters type-I to VI at Kasumpti, Shimla-9 (SH: Providing and fixing of vellore carpet in type-V set No.17 at Kasumpti Shimla-9)						Earnest Money :- 1,300.00	
						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 unitex carpeting flooring in standared laid with approved adhesive on sub floor complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	109.23	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 98,480.00	
Name of Work :- A/R & M/O to various roads under Kasumpti Shimla-2 (SH: P/L Heavyduty precast cement interlocking Paver Block (Dismantled) in Chotta Shimla to Kasumpti road at RD.1/065 to 1/145 at Brock Hurst).						Earnest Money :- 2,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and 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. (a) Cement Mortar 1:2:4(One cement :two sand: four graded stone aggregate 20mm(twenty milimetre) nominal size).	1.20	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:1.5:3(One cement :one & half sand: three graded stone aggregate 20mm(twenty milimetre) nominal size).	0.64	Cum			Per Cubic Metre	
3	Providing and laying heavy duty precast cement concrete inter locking paver blocks vibro compacted upto M- 50 grade i/c border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks i/c curing rubbing & polishing complete (Sub base concrete floor to be paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 80mm (eighty milimetre) thick inter locking blocks. (Labour rate).	125.00	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 99,592.00

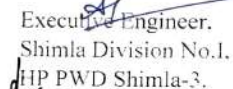
Name of Work :- A/R and M/O to various residential Qtrs. under Kasumpti sub Division Shimla-9 (SH: Providing and Fixing Broda Green Marble in Servent Qtr 17 to 22 at Brock Hurst Shimla -9).

Earnest Money :- 2,000.00

Time:- 60 Days.

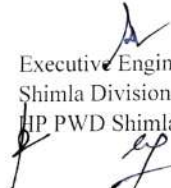
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	1.44	Sqm				
2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	2.00	Cum				
3	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement:3sand) including jointing with cement mortar 1:2(1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.88	Sqm				
4	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)Shelves (Cast in situ)	11.88	Sqm				
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) Mild steel and Medium Tensile steel bars	65.34	Kg.				
6	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.59	Cum				
7	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.Cement mortar 1:4 (one cement :four coarse sqm sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.95	Sqm				

8	Extra for marble work of nosing/corner strength over plain marble work including returned moulded ends and angles to mouldings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Rmt				
9	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.40	Sqm				
						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:- 52,018.00	
Name of Work :- A/R & M/O to various Type-III and Type-IV GAD Qtrs. at Pari-Mahal, Kasumpti, Shimla-9 (SH: P/F PVC flooring in Type-III set No.23 under Pari Mahal Section).						Earnest Money :- 1,100.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 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.	34.11	Sqm			Per Square Metre	
	Providing and fixing 1.50mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG	34.11	Sqm			Per Square Metre	
						Total	



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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,05,768.00	
Name of Work :- A/R & M/O store near out House No.1 Windsor cottage Kasumpti Shimla(SH: C/O store room at Mehli Kasumpti Shimla).						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	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	10.90	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.	7.73	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)1:5:10 (One cement : five sand : ten graded stone aggregate 40 mm(forty millimetre) nominal size)	9.59	Cum			Per Cubic Metre	

4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Cement mortar 1:6 (1 cement :6 coarse sand).	8.83	Cum			Per Cubic Metre	
5	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing Tiron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	57.28	Kg.			Per Kilo-gram.	
6	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Galvanised M.S. Wire gauze with 0.63 mm dia wire and 1.4 mm aperture on both sides	2.25	Sqm			Per Square Metre	
7	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.	2.99	Sqm			Per Square Metre	
8	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen milimetre)	1.00	No			Each	
9	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	8.00	Nos			Each	
10	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	4.00	Nos			Each	
11	40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 31 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 9 mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 4 mm to 7 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder : 7 marble chips) by volume, including cement slurry etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Medium shade pigment with 50% white cement and 50% ordinary cement	9.30	Sqm			Per Square Metre	
12	Providing and fixing glass strips in joints of terrazo cement concrete floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)40 mm wide and 4 mm thick.	30.00	Rmt			Per Running Metre	
13	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.	182.55	Kgs.			Per Kilo-gram.	

14	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 0.63 mm thick with zinc coating not less than 275 gm/ m ²	18.06	Sqm		Per Square Metre	
15	15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement mortar 1:6 (1 cement:6 sand).	38.45	Sqm		Per Square Metre	
16	15mm cement plaster on rough side of single or half brick wall of mix including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4 (1 cement:4 coarse sand)	38.45	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.	76.90	Sqm		Per Square Metre	
18	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)	38.45	Sqm		Per Square Metre	
19	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlid on undecorated wall surfaces (two coats) to give an even shade and final finish after 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.	38.45	Sqm		Per Square Metre	
					Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,611.00	
Name of Work :- A/R & M/O to various residential Qtrs. at Kasumpti Shimla-9 (SH: Providing and fixing Cup board and minor repair work in Type-III set No.139 and 212 at Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	20.00	Nos				0.00
2	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.	14.56	Sqm				0.00
3	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	6.52	Sqm				0.00
4	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.52	Sqm				0.00
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.	20.00	Nos				0.00
6	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.	50.00	Rmt				0.00
7	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.88	Sqm				0.00
8	Applying priming coat over new wood and wood based surfaces after and including prepering 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) Readymixed paint brushing wood primer pink.	30.00	Sqm				0.00
9	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm				0.00

10	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood.	52.00	Rmt			Per Running Metre	
11	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	30.00	Nos			Each	
12	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	2.00	Nos			Each	
13	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	35.00	Nos			Each	
14	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 150x10mm	10.00	Nos			Each	
	(b) 100x10mm	10.00	Nos			Each	
15	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 4mm thick	0.95	Sqm			Per Square Metre	
16	Providing and fixing aluminium eye hook 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.	2.00	Nos			Each	
17	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.	30.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 98,213.00	
NAME OF WORK:- Improvement & Widening Chotta Shimla Kasumpti Panthaghatti road Km.0/000 to 2/385						Earnest Money :- 2,000.00	
(SH: C/O Retaining Wall between RD. 1/599 to 1/601.50 and 1/925 to 1/940 under Parimahahal Section).						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead 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).	0.86	Cum			Per Cubic Metre	
2	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	3.11	Cum			Per Cubic Metre	
3	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.	0.68	Cum			Per Cubic 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 removed by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site (dumping sites will be arranged by the contractor on his own cost). Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his own cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	0.88	Cum			Per Cubic Metre	
5	Stone masonry work in cement mortar in foundation complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Coursed rubble masonry (1st sort) (a) In 1:6 Cement mortar (one cement: six coarse sand)	1.04	Sqm			Per Square Metre	
6	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) 1:1½:3 (1 cement : 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size).	1.31	Cum			Per Cubic Metre	
	(ii) 1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size).	9.99	Cum			Per Cubic Metre	
	(iii) 1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size).	1.19	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	100.00	Kgs.			Per Kilo-gram.	

8	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	9.00	Sqm			Per Square Metre	
9	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.	8.00	Rmt			Per Running Metre	
10	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	2.00	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY


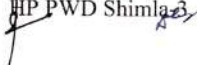
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,55,041.00	
Name of Work :- Improvement and widening of Chotta Shimla Kasumpti Panthaghatti road (SH: Providing and fixing road side grating RD.0/00 to 0/660)						Earnest Money :- 5,100.00	
						Time:- Two months	
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	2157.30	Kgs.			Per Kilo-gram.	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(a) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size	2.88	Cum			Per Cubic Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,70,054.00	
Name of Work :- A/R & M/O Mechanical Circle building at Dhalli Shimla (SH: Panelling, Ceiling in Assistant Engineer (B&R) and J.E. (B&R) room and frame work of ramp portion to Mechanical Circle office).						Earnest Money :- 5,500.00	
						Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.848	Cum			Per Cubic Metre	
2	Providing and fixing PVC panelling of standard quality ISI mark and approved shade and colour with back side 40mm thick thermocol of mitring at junctions, butt jointing and nails complete (Frame work for base to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) 12mm thick	68.74	Sqm			Per Square Metre	
3	Providing and fixing Uarounding Paneing and PVC corner angle plain square edged cover fillets (beading)60mmx12mm section with PVC ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	125.34	Rmt			Per Running Metre	
4	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.	564.56	Kgs.			Per Kilo-gram.	
5	Providing and fixing M.S. black sheet 2.6mm/12 gauge thick fascia/soffits/eaves board/ceiling fixed with angle iron frame including cutting,welding to steel roof members and applying a coat of red lead primer etc.(base members of steel work shall be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.34	Sqm			Per Square Metre	
6	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in Charge. (i) 0.63 mm thick with zinc coating not less than 275 gm/ m²	5.72	Sqm			Per Square Metre	

7	Providing and fixing lashing 60cm overall 0.60mm thick P.G.I. sheet in roofing including fixing with iron J or L hooks,bolts and nuts including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.20	Rmt			Per Running Metre	
						Total	


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


SCHEDULE OF QUANTITY

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

Estimated Cost:- 4,15,012.00

NAME OF WORK:- Improvement & Widening of Chamyana to Surala road Km. 0/00 to 6/00 (SH:

Earnest Money :- 8,300.00

Construction of Retaining Wall with Toe wall at RD.0/545 to 0/552).

Time:- Two Months

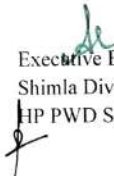
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft 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.	36.40	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.	18.20	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(1cement:6sand:12graded stone agg.40mm nominal size).	5.46	Cum			Per Cubic Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty milimetre) nominal size)	80.92	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.	9.03	Cum			Per Cubic Metre	
6	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	21.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-96,703.00	
Name of Work :- Improvement of widening of M.R.R. via Lakkar Bazar road Km.147/035 to 153/075 (SH: 1)						Earnest Money :- 2,000.00	
Repair of Auckland Tunnel M.S. pipe Railing 147/825 to 147/903).						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) In gratings , framed guard bars, ladders, railing, brackets and similar works.	231.00	Kgs.			Per Kilogram	
2	Providing and fixing moulded hand rail of M.S. hollow pipe 40mm dia welded in straight length over M.S. flat at top of vertical balusters including one coat of red oxide priming coat complete (M.S. flat & balusters of railings shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	172.00	Rmt			Per Running Metre	
3	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture.	123.26	Sqm			Per Square Metre	
						Total	


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

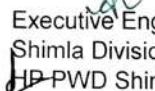
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. **Estimated Cost:- 99780.00**

Name of Work :-Improvement of Curve on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925.(SH:-Widening of Curve between Rd 40/450 to 40/470). **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 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 26.34 Cum @ 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.	263.41	Cum			Per Cubic Metre	
						Total	


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

Draft Schedule Of Quantity							Estimated Cost:-1,52,671/-
Name of work :- A/R & M/O to MRR Via Chotta Shimla and KSC road Km. :145/00 to 156/640(Sh:-Providing Painting work of road side railings at Various Rds on Circular road)							Earnest Money:3,100.00
							Time:-One Months.
S.No	Description of Work	No. of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	Cum	5	6	7	8
1	Painting with ApcoPremium Satin enamel paint of approved brand camouflage green(9389), Wheat Spring (7891) and manufacture to give an Two or more coats on new work as per the direction of Enginner-in-Charge including carriage of materilas in all leads and lifts.	997.20	Sqm	153.10	Rupees one hundred fifty thre and paisa ten only	per square metre	152671.00
						Total	152671.00

DNIT Approved for Rs 1,52,671/-only (Rupeesone lacs fifty two thousand six hundredseventy one only for the year 2022-23
Entered at DNIT Reg. S. No. 373

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:- 1,14,018.00	
Name of Work :-A/R & M/O to various Type-III & Type-IV GAD at parimahal Kasumpti Shimla-9 (SH: P/F accessories, white washing, etc. in Type-III set No.14, P/F Cup board in Type-III 15 and servant qtr. No.1 under Parimahal Section).						Earnest Money :- 2,300.00	
						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 vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	2.00	Nos			Each	
2	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE (A) White plastic seat and cover.	1.00	No			Each	
3	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 10 litre capacity - White	2.00	Nos			Each	
4	Providing and fixing 8mm dia C.P./S.S. Jet with flexible tube upto 1 metre long with S.S. traingular plate to European type W.C. of quality and make as approved by Engineer-in-Charge.	2.00	Nos			Each	
5	Providing and fixing 100 mm sand cast Iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each	
6	Providing and Fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm long towel rail with total length of 645mm,width 78mm and effective height of 88mm weighing not less than 88 gms.	1.00	No			Each	
7	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
8	Providing and fixing 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

9	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. <u>Make Seiko or Equivalent</u>	2.00	Nos			Each	
10	Providing and fixing C.P. Brass bib cock of approved quality conforming to IS: 8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore.	2.00	Nos			Each	
11	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore with 45cm length.	5.00	Nos			Each	
12	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Flexible pipe (a) 32mm dia	2.00	Nos			Each	
13	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
14	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	10.00	Nos			Each	
15	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws 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	0.52	Sqm			Per Square Metre	
16	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) 150x10mm	1.00	No			Each	
	b) 200x10mm	1.00	No			Each	
17	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	1.00	No			Each	
18	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 200mm	2.00	Nos			Each	
19	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.	12.57	Sqm			Per Square Metre	

20	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.64	Sqm			Per Square Metre	
21	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.	7.92	Sqm			Per Square Metre	
22	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.	7.13	Sqm			Per Square Metre	
23	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.	26.25	Rmt			Per Running Metre	
24	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00	Nos			Each	
25	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	19.00	Nos			Each	
26	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)	173.15	Sqm			Per Square Metre	
27	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	173.15	Sqm			Per Square Metre	
28	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.	99.26	Sqm			Per Square Metre	
29	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work	130.46	Sqm			Per Square Metre	
30	Applying priming coat over new wood and wood based surfaces after and including prepering 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) Readymixed paint brushing wood primer pink.	25.70	Sqm			Per Square Metre	

31	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.	25.70	Sqm			Per Square Metre	
32	Providing woodwork in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position. 2nd class deodar wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.012	Cum			Per Cubic Metre	
33	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Kitchen sink with drain board (a) 510x1040 mm bowl depth 250mm	1.00	No			Each	
						Total	


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



SCHEDULE OF QUANTITY

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

Estimated Cost:- 3,64,914.00

NAME OF WORK:- Widening /Improvement on road from Chotta Shimla to Kasumpti road in Shimla Town (

Earnest Money :- 7,300.00

SH:- Widening of road between Rd 2/020 to 2/050, 2/120 to 2/185 and 2/190 to 2/215).

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.	585.71	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 in all respects including all incidental charges.	390.47	Cum			Per Cubic Metre	
3	Providing and fixing G.I pipe complete with G.I Fitting including trenching and refilling etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 15 mm dia nominal bore	20.00	Rmt			Per Running Metre	

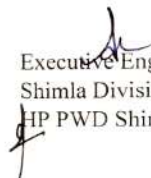
	ii) 20mm dia nominal bore	15.00	Rmt			Per Running Metre	
	iii) 25mm dia nominal bore	10.00	Rmt			Per Running Metre	
	iv) 32mm dia nominal bore	10.00	Rmt			Per Running Metre	
	v) 40mm dia nominal bore	10.00	Rmt			Per Running Metre	
4	Providing and fixing G.I. Union in G.I pipe including cutting and threading the pipe and making long serews etc.complete (New Work)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)15 mm dia nominal bore	2.00	No			Per Running Metre	
	ii) 20mm dia nominal bore	2.00	No			Per Running Metre	
	iii) 25mm dia nominal bore	2.00	No			Per Running Metre	
	iv) 32mm dia nominal bore	2.00	No			Per Running Metre	
	v) 40mm dia nominal bore	2.00	No			Per Running Metre	


 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:- 1,85,033.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Sub Division Shimla-9 (SH:						Earnest Money :- 3,700.00	
Renovation of Toilet, Bath and minor repair work in Type-V set No.17 and 19 at Kasumpti Shimla-9).						Time:- Two months	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 25mm diameter Power coated curtain rods with brackets and golden plugs etc. where ever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	36.00	Rmt			Per Running Metre	
2	Providing and fixing Cera Wash Basin and full pedestal set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
3	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS : 12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	28.80	Sqm			Per Square Metre	
4	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.00	Nos			Each	
5	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.00	Nos			Each	
6	Providing and fixing Sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4.00	Nos			Each	
7	Providing and fixing Modular kitchen accessories with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 15x20x4" Cutlury	2.00	Nos			Each	
	(ii) 15x20x8" Plain	2.00	Nos			Each	
	(ii) 18x20x8" Plate	2.00	Nos			Each	
8	Providing and fixing 20" Telescopic Runner for modular cup boards complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	6.00	Pair			Per pair	
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) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. one piece Cat No. LYS-WHT-38851P180UFSM single piece-WC with the UF soft close slim seat cover and all accessories. CERA	2.00	Nos			Each	

10	Providing and fixing wall mixer 3 in 1 with provision for telephonic & overhead shower with 190mm long bend pipe and wall flange made essess cat No.Primus-122 including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.00	No			Each	
11	Providing and fixing Hand Shower for telephonic & over head shower with 1.5m long pipe and wall flange make essess cat No.EA16 including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.00	No			Each	
						Total	


 Executive Engineer,
 Shimla Division No.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:- 93,600.00

Name of Work :- Construction/Improvement on road from Chotta Shimla to Kasumpti in Shimla Town (SH:- Preparation of Detail Project Report, Survey work, Preparation of Drawings, L-Sections, Plan, X-Sections of Chotta Shimla to Kasumpti (Under Smart City Project).

Earnest Money :- 1,900.00

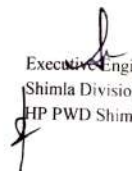
Time:- One Month.

Sr. No.	Description of Work - Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Survey work complete with digital total station including carriage of materials in all leads and lifts as per directions of the Engineer-in Charge.	27000.00	Sqm			Per Square Metre	
2	Preparation of drawings i.e L-Section, Plan, X-Section and other miscellaneous drawing including carriage of materials in all leads and lifts as per directions of the Engineer- in Charge.	1.00	One job			Per Job	
3	Preparation of detailed project report including carriage of materials in all leads and lifts as per directions of the the Engineer - in Charges.	1.00	One job			Per Job	
						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:- 495218.00	
Name of Work :- Contruction of Librarary Art & Craft Room and Computer Room for GSSS Janedghat Distt Shimla Under RMSA (SH:- C/O Internal Balance Work).(Deposit Work)						Earnest Money :- 9,900.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing M.S. BP Sheet 1.33mm 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 mateirals in all leads and lifts as per directions of the Engineer-in-Charge.	57.63	Sqm			Per Square Metre	
2	Providing corrugated G.I. sheet roofing fixed with galvanized iron J or L hooks bolts and nuts 8mm dia meters with bitumen & G.I. limpet washers filed with white lead complete excluding the cost of purlins, rafters and trusses. (i)0.63mm thick sheet.	52.10	Sqm			Per Square Metre	
3	Providing flushing 38cm. overall in plain G.I. sheet fixed with galvanised iron. J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63mm thick sheet.	33.42	Rmt			Per Runing Metre	
4	Providing and fixing 15cm wide,45cm overall semi circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge.	12.2	Sqm			Per Square Metre	
5	Providing ridges or hips 60 cm over all in plain G.I.sheet with galvanised iron J or L hooks, bolts and nuts 8mm dia G.I. Limpet and bitumen washers copmlete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63 mm thick sheet	7.8	Rmt			Per Runing Metre	
6	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.	2594.84	Kg			Per Kilogramme Metre	


 Executive Engineer,
 Shimla Division No.I,
 HP PWD Shimla-34

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 93,366.00	
Name of Work :- A/R & M/O to various residential Qtrs. at Kasumpti Shimla-9 (SH: Providing and fixing Cup board and minor repair work in Type-III set No.153 and 140 at Kasumpti Shimla-9).						Earnest Money :- 1,900.00	
						Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	30.00	Nos			Each	
2	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.	14.56	Sqm			Per Square Metre	
3	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	6.52	Sqm			Per Square Metre	
4	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.52	Sqm			Per Square 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.	20.00	Nos			Each	
6	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.	50.00	Rmt			Per Running Metre	
7	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.88	Sqm			Per Square Metre	
8	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil, grease, dirt and other foreign matter) sand papering and knotting. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	30.00	Sqm			Per Square Metre	
9	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm			Per Square Metre	

10	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm section with wood screws in ceiling and lining including mitring at junctions complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood.	52.00	Rmt			Per Running Metre	
11	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	30.00	Nos			Each	
12	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	2.00	Nos			Each	
13	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	35.00	Nos			Each	
14	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 150x10mm	10.00	Nos			Each	
	(b) 100x10mm	10.00	Nos			Each	
15	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 4mm thick	0.95	Sqm			Per Square Metre	
16	Providing and fixing aluminium eye hook 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.	2.00	Nos			Each	
17	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.	36.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 95,779.00

Name of Work :- A/R & M/O Type-I to VI Qtrs at Mehli Kasumpti Shimla -9 (SH: Providing and Fixing Cup board and PVC flooring Type-III Set No.4 at Mehli Kasumpti Shimla-9).

Earnest Money :- 2,000.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	23	Sqm			Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.14	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.	6.66	Sqm			Per Square Metre	
4	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick	7.56	Sqm			Per Square 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.	12.00	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	12.00	Nos			Each	
7	Providing and fixing 1.50mm (One point five zero milimetre) 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/equivalent.	39.73	Sqm			Per Square Metre	
8	Applying priming coat over new wood and wood based surfaces after and including prepering the surface by thoroughly cleaning oil,grease,dirt and other foreign matter) sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	58.00	Sqm			Per Square Metre	
9	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	58.00	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

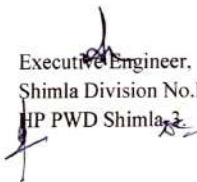
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,22,290.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Kasumpti Shimla-9(SH:						Earnest Money :- 4,500.00	
Improvement of approach in Cottage No.3,4,5 & 6 and wall tiles in type-II set No.41-42 at Brock Hurst Kasumpti Shimla-9).						Time:- Two months	
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.	6.12	Cum			Per Cubic Metre	
2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i)1:5:10 (1 cement : 5 coarse sand) : 10 graded stone aggregate 40 mm nominal size)	0.72	Cum			Per Cubic Metre	
	(ii) 1:3:6(1cement:three coarse sand):six graded stone aggregate 20mm (twenty milimetre) nominal size.	5.40	Cum			Per Cubic Metre	
3	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. (Labour Rate)	200.00	Kgs.			Per Kilogram	

4	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Light shade pigment using white cement.	83.25	Sqm			Per Square Metre	
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	60.00	Sqm			Per Square Metre	
6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	6.12	Cum			Per Cubic Metre	
7	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve milimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm(eight milimetre) thick	60.00	Sqm			Per Square Metre	
8	15mm cement plaster on rough side of single of half brick wall of mix 1:4 (1cement: 4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	12.00	Sqm			Per Square Metre	
9	Providing water proofing treatment in walls surface with Dr. Fixit including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	60.00	Sqm			Per Square Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 2,73,000.00		
Name of Work :- Improvement and Widening to Dharmpur, Baldeyan, Seonthal roads under Sub-Division Mashobra at Dhalli (SH: P/L of hot applied Thermoplastic edge line, RD's 14/00 to 15/00 & 16/00 to 17/00).					Earnest Money :- 5,500.00		
					Time:- Two Months		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate In figures			Amount
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @ 250 gms per Sqm. Area thickness 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free streaks and holes as per MORD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all leads, lifts and all incidental charges.	700.00	Sqm			Per Square Metre	


 Executive Engineer,
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SCHEDULE OF QUANTITY

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


Estimated Cost:- 1,75,500.00

Name of Work :- Improvement and Widening to Dharampur, Baldeyan, Seonthal roads under Sub-Division Mashobra at Dhalli (SH: P/L of hot applied Thermoplastic edge line, RD's 0/00 to 2/00 & 3/00 to 4/00).

Earnest Money :- 3,600.00


Time:- Two Months

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimate d Rate	Unit	Amount
				In figures		
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @ 250 gms per Sqm. Area thickness 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free streaks and holes as per MORD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all leads, lifts and all incidental charges.	450.00	Sqm		Per Square Metre	


 Executive Engineer,
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SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 4,50,934		
Name of Work :- Improvement /Widening Eversunny to Pagog road Km 0/00 to 5/000.(SH:- C/O R/Wall at Rd 0630 to 0/639.20).					Earnest Money :- 9,100.00		
					Time:- 30 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	52.62	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802.803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:four sand: eight graded stone agg. 20mm (twenty milimetre) nominal size).	85.19	Cum			Per Cubic Metre	
3	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	7.36	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.	15.00	Rmt			Per Runing Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 4,96,181		
Name of Work :- Repair to Veterinary Hospital Building at Sargheen Panthaghati (SH:-					Earnest Money :- 10,000.00		
P/L vitrified tiles , P/ F Door, Glazing , and Ceiling etc).					Time:- 30 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Size of tile 600x600mm	70.40	Sqm			Per Sqm Metre	
2	White glazed tiles 6 mm thick in flooring, treads of steps and landing laid on a bed of 12 mm thick cement mortar 1:3(1 cement :3 sand) finished with flush pointing in white cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	31.50	Sqm			Per Sqm Metre	
3	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint. a) b)In gratings, framed guards bars ladders, railing, brackets and similar work.	62.49	kg			Per Kilogramme	
4	Providing and fixing B.P. sheet 3.15mm thick in eaves board / ornamental fascia / soffit & ceilings including cutting, welding and applying a coat of red lead primer etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	84.10	Sqm			Per Sqm Metre	
5	Providing and fixing 15 cm. wide 45 cm. overall semicircular plain G.I. sheet gutter with iron brackets 40x3mm size bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	42.00	Rmt			Per Running metre	
6	Providing and fixing wire gauge shutter using galvanized M.S. wire gauge of I.S. gauge designation 85Kg. With wire of dia 0.56mm for door window clearstory window i/c bright finished black enameled iron hinges with necessary screws : complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. :- i) 35mm thick 2nd class teak wood.	33.24	Sqm			Per Sqm Metre	


7	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.	8.80	Sqm		Per Sqm 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.	66.11	Sqm		Per Sqm Metre	
9	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.	66.11	sqm		Per Sqm Metre	
					Total	


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

SCHEDULE OF QUANTITIES


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.						Estimated Cost:- 3,51,194.00	
Name of Work :-Improvement & Widening on Baldeyan to Dharampur road km.0/000 to 10/000 (SH: C/O R/Wall between Km. 3/890 to 3/895).						Earnest Money :- 7,100.00	
						Time:- 30 Days.	
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
				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.	12.00	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks.(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty 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.	10.66	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).	1.37	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).	74.98	Cum			Per Cubic Metre	

5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	9	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.	15.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

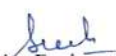
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,02,352.00	
Name of Work :- A/R & M/O O/O Directorate of Prosecution, Block No.22, SDA Complex, Kasumpti Shimla-9						Earnest Money :- 2,100.00	
(SH: Painting and Distempering/ white washing etc. in various rooms).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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)	609.58	Sqm			Per Square Metre	
2	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.	609.58	Sqm			Per Square Metre	
3	Providing and applying white cement based putty of average thickness 1 mm. of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	304.79	Sqm			Per Square Metre	
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) One or more coats on old work	604.56	Sqm			Per Square Metre	
5	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.	30.00	Sqm			Per Square Metre	
6	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:5 (1 Cement : 5 Sand)	30.00	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:- 88,945.00	
NAME OF WORK:- Improvement & Widening on Bharari to Bhont road Km.0/00 to 4/00 (SH: C/O Retaining Wall at RD. 2/580 to 2.582.50).						Earnest Money :- 1,800.00	
						Time:- Two Months	
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.	3.60	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.	8.925	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)	18.167	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	1.125	Cum			Per Cubic Metre	
5	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment. wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	10.00	Nos			Each	
						Total	


 Executive Engineer,
 Shimla Division No.1,
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