

Himachal Pradesh
Public Works Department

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

12961-62

Dated:- 23/9/22

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.


Subject :-

Publication of Tender Notice.

Jai Hind


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

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


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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

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

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

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

29-09-2022 upto 4:00 PM
30-09-2022 upto 4:00 PM
01-10-2022 up to 10:30 AM
01-10-2022 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	Repair and Rehabilitation of Comber mere Bridge on MRR via Chotta Shimla (SH:- Repair of RCC Railing, Repair and improvement of pedestrian path safety Jafri to bridge to existing panels and erecting f new panels on valley side (RHS) RD. 149/015 to 149/047).	455988/-	9200/-	350/-	30 days	Class-D
2	A/R & M/O to approach road H.P. Secretariat Employee co-operative housing Sociaty Basant vihar Shimla-9 (SH:- C/O V-shape drain in road km. 0/00 to 0/300).	219734/-	4400/-	350/-	60 days	Class-D
3	A/R & M/O to various GAD qtrs at Kasumpti Shimla-9 (SH:- Repair of staircase of approach path and P/F checkered tiles in stair of Type-III old block 100 to 105 under parimahla section).	275151/-	5600/-	350/-	60 days	Class-D
4	S/R & M/O to type-I to VI Qtrs at Mehli Kasumpti Shimla (SH:- Providing and fixing paneling in Dining Room set No.14 and painting & Distempering and non woovan carpeting set No.10 type-VI at Mehli Kasumpti Shimla).	115469/-	2400/-	350/-	30 days	Class-D
5	A/R & M/O various type-III and type-IV GAD Qtrs at pari Mahal, Kasumpti Shimla-9 (SH:- Painting and Distempering in type-IV 58,61 and other Gad Qtrs on due/vacation under parimahal section).	97605/-	2000/-	350/-	60 days	Class-D
6	A/R & M/O to various type-I to VI Qtrs at Kasumpti Shimla-9 (SH:- Providing and painting , Distempering in various sets on vacation type-I to type-VI).	179800/-	3600/-	350/-	60 days	Class-D
7	A/R & M/o type-VI Qtrs at Mehli Kasumpti Shimla-9 (SH:- Painting ,Distempering & Sanitary work etc, set No. 9,12 and 19 type-VI at Mehli Kasumpti Shimla-9)(Balance work).	184470/-	3700/-	350/-	60 days	Class-D
8	A/R & M/O various residential qtrs type-I to VI at mehli Kasumpti Shimla-9 (SH:- C/o R.R. Breast wall and other repair work in type-VI set No. 18 at Kasumpti Shimla-9).	163165/-	3300/-	350/-	60 days	Class-D
9	Improvement of chotta Shimla Kasumpti Panthaghatti road (SH:- Providing and laying valley side Edge Line ,centre line).	178523/-	3600/-	350/-	30 days	Class-D
10	A/R & M/O to various residence quarter under Kasumpti Shimla-2 (SH:- Providing and fixing wooden frames and sanitary fixers in servant quarter No.59 to 66 at Brock Hurst).	297057/-	6000/-	350/-	60 days	Class-D
11	Improvement of various roads under Bharari section (SH:- Reapir of surface on Bharari to Bhont road).	221750/-	4500/-	350/-	30 days	Class-D
12	A/R & M/O to various residence quarter under Kasumpti Sub Division Shimla-9 (SH:- Renovation of toilet, bath and minor erpair work in type-II set no.17,18 type-V set no.12 at Kasumpti).	98225/-	2000/-	350/-	60 days	Class-D
13	Improvement of curve on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (S- Widening fo curve between Rd. 40/470 to 40/490).	99128/-	2000/-	350/-	30 days	Class-D
14	A/R & M/O to type-VI qtrs at Mehli Kasumpti Shimla-9 (SH:- Providing andf fixing steel structure over poly carbonated sheet roofing in set No. 14 Type-VI at Mehli Kasumpti Shimla-9).	84865/-	1800/-	350/-	30 days	Class-D
15	A/R & M/O various type-III & type-IV Gad at parimahal Kasumpti Shimla-9 (SH:- Repair of work in toilet ,bathroom ,kitchen in type-III set No. 14 under parimahal section).	110557/-	2300/-	350/-	60 days	Class-D
16	A/R & M/O various residence quarter at Brock Hurst Shimla-2 (SH:- Renovation of WC kitchen, cup board and minor repair work ion below pine set No.1 at Brock Hurst Shimla).	388963/-	7800/-	350/-	60 days	Class-D
17	A/R & M/O various roads under Kasumpti Shimla -2 (SH:- P/L Heavy duty precast cement interlocking paver block (Dismantled) chotta shimla to Kasumpti road at Rd. 0/860 to 1/065, 1/145 t6o 1/270 Brock Hurst).	366101/-	7400/-	350/-	60 days	Class-D
18	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- Repair of kitchen to type-I set no.13 at Kasumpti Shimla).	207482/-	4200/-	350/-	60 days	Class-D
19	Improvement & widening of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O B/wall at RD. 21/469 to 21/485).	372145/-	7800/-	350/-	60 days	Class-D
20	R.R.D Occurred due to digging by Sewer line by Sewer line by SJPNL on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O R/wall at Rd. 23/820 to 23/825).	98490/-	2000/-	350/-	30 days	Class-D
21	A/R & M/O various type-III & type-IV GAD at parimahal , Kasumpti Shimla-9 (SH:- Repair work in toilet ,bathroom and kitchen in type-III set no. 32 at parimahal section).	112175/-	2300/-	350/-	60 days	Class-D

22	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH:- Painting work in type-I set no.1 at Kasumpti Shimla-9).	307293/-	6200/-	350/-	30 days	Class-D
23	A/R & M/O to various residence qtr at Brock Hrurt Kasumpti Shimla-2 (SH:- C/O Gamage at Kasumpti Shimla).	354180/-	7100/-	350/-	30 days	Class-D
24	Improvement & widening on Baldeyan to Dharmpur road km. 0/00 to 10/00 (SH:- C/O R/wall between km. 3/900 to 3/905).	323730/-	6500/-	350/-	30 days	Class-D
25	A/R & M/O to various residential qtrs type-I to VI at Mehli Kasumpti Shimla-9 (SH:- Providing and fixing polycarbonate sheet ,tile in type-VI set No.3 Cup board in type-IV set no.21, welded mesh and polycarbonate sheet in type-IV set No.30 at Kasumpti Shimla-9).	306638/-	6200/-	350/-	30 days	Class-D
26	Construction of pedestrian path from St. Beds, Chowk to Sanjulli Shimla (SH:- SH:- Providing and laying chequered tiles on paedstrain path on MRR via Chotta Shimla in km. 154/950 to 155/100).	398610/-	8000/-	350/-	30 days	Class-D
27	A/R & M/O to various residence qtrs at Kasumpti Shimla-9 (SH:-Providing and fixing cup board and minor repair work in type-I set nO. 18,19,11,10,5 at Kasumpti Shimla-9)	192562/-	3900/-	350/-	60 days	Class-D
28	Construction of Baldeyan to Kadog road km. 0/00 to 12/00 (SH:- C/O PCC U-Shape Drain in km. 0/010 to 12/000 at RD. 6/270).	492824/-	9900/-	350/-	30 days	Class-D
29	Repair and Maintenance road from pacheog to Baggi Jubber Ghorna road km. 0/00 to 10/00 (SH:- C/O R/wall at Rd. 4/420 to 4/424.50 and 6/390 6/3).	187040/-	3800/-	350/-	30 days	Class-D
30	Improvement and widening to Dharmpur ,Baldeyan seonthal roads under sub Division Mashobra at Dhalli (SH:- P/L of rumble strips, informatory sign board, brand grade km. stone/Local stone etc).	276600/-	5600/-	350/-	60 days	Class-D
31	Improvement and widening on Talai to Dehna , Dehna to Karyan Choeg (SH:- C/O Retaining wall at Rd. 0/615 to 0/625).	485641/-	9800/-	350/-	30 days	Class-D
32	A/R & M/O to various roads under Kasumpti Shimla-2 (SH:- C/O Foot path and Breast wall in chotta Shimla to Panthaghatti road at RD. 0/845 to 0/883).	274459/-	5500/-	350/-	60 days	Class-D
33	Improvement & Widening on Shimla Tattapani to Bagi Jubber road km. 0/00 to 1/500 (SH:- R/wall between km. 0/120 to 0/134.50).	441536/-	8900/-	350/-	30 days	Class-D

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

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

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

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

Copy forwarded to :-

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

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


Dated :- 28/9/22

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,55,988.00	
Name of Work :- Repair and Rehabilitation of Combermere Bridge on MRR via Chhotta shimla (SH:- Repair of RCC Railing, Repair and Improvement of pedestrain path safety jafri of bridge to existing panels and erecting of new panels on Valley side (RHS) Rd 149/015 to 149/047).						Earnest Money :- 9,200.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling steel work upto span of 10 metres and a height of 5 metres in built up sectional in angles, tees, flats and channels including all gusset plates, bolts, nuts, beading etc and stacking the materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Including dismembering. (Labour Rate)	672.00	Kgs			Per Kilogram	
2	Extra for making of structural steel work required to be reerected	436.80	Kgs			Per Kilogram	
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 beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like.(i) (Through rate)	1239.35	Kgs			Per Kilogram	
	(ii) Labour Rate . Useful material extracted as per item 2 after cutting by machine and welding plant from existing pannels for repair /modification and required to be made useful and payable only on labour rate as per actual executed as per specification of item complete in all respect on site / The recovery of Useful material of 235.20 kg at Rs 25 per kg shall be made on prorata basis amounting to Rs. 5880.00	436.80	Kgs			Per Kilogram	
4	Providing and fixing hollow section of approved size by welding etc.including cutting, hoisting fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of mateirals in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, frames, balcony ,stair case, guard bar, ladder, railings, brackets, gates and similar works.	1413.65	Kgs			Per Kilogram	

5	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 (In repair of R.C.C railings).	3.82	Cum			Per Cubic Metre	
6	Centering and shuttering including strutting, propping etc. and removal of form work for all heights:- Small lintels not exceeding 1.5 m clear span , moulding as in cornices,window sills, string course, bands, copings,bed plates, anchor blocks and the like. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.82	Sqm			Per Square Metre	
7	Wall painting (two coats on new work) with acxrylic emulsion paint of approved brand and manufacture to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface.	93.60	Sqm			Per Square Metre	
8	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Two or more coats on new work	100.80	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:- 2,19,734.00	
Name of Work :- A/R & M/O to approach road H.P. Secretariat Employee co-operative housing Society						Earnest Money :- 4,400.00	
Basant Vihar Shimla-9 (SH: C/O V.Shape drain in road side Km.0/00 to 0/300).						Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site (dumping sites will be arranged by the contractor on his own cost). Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his own cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	17.26	Cum			Per Cubic Metre	
2	Providing form work with steel plates 3.15mm (three point fifteen milimetre) thick welded with angle iron in frame 30x30x5mm (thirty into thirty into five milimetre) so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and baulies in all heights or propping and centring, below supporting floor to ceiling not exceeding 4mtrs (four metres) and removal of the same for in situ- reinforced concrete and plain concrete work. (a) Vertical surfaces such as walls (any thickness) partitions and the like including attached pillars buttresses, plinth and string courses and the like.	54.00	Sqm			Per Square Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:3:6 (One Cement : three coarse sand) : six graded stone aggregate 20 mm (twenty milimetre) nominal size)	37.87	Cum			Per Cubic Metre	

4	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade.(a)New work (two or more coats) over and including water thinnable priming coat with cement primer	54.00	Sqm			Per Square Metre	
						Total	

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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,75,151.00	
Name of Work :- A/R & M/O to various GAD Qtrs. at Kasumpti Shimla-9(SH:Repair of staircase of approach path and P/F Checkerred tiles in stair case of Type-III old block 100 to 105 under Parimahal Section).						Earnest Money :- 5,600.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Random rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including leveling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) at window sills, ceiling level and the like 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)	5.92	Cum			Per Cubic Metre	
2	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Medium shade pigment using 50% white cement 50% Grey cement.	127.33	Sqm			Per Square Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:2:4(1cement:2 coarse sand:4graded stone aggregate 20mm nominal size)	10.69	Cum			Per Cubic Metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required. all complete	164.82	Kgs.			Per Kilo-gram	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,15,469.00	
Name of Work :- A/R & M/O to type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: Providing and fixing panelling in Dining Room set No.14 and Painting & Distempering and non woovan carpeting set No.10 Type-VI at Mehli Kasumpti Shimla).						Earnest Money :- 2,400.00	
						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) 9mm thick.	23.21	Sqm			Per Square Metre	
2	Providing and fixing Pine wood panelling in wall with necessary screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 12mm thick	23.21	Sqm			Per Square Metre	
3	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlred 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.	339.67	Sqm			Per Square Metre	
4	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	23.21	Sqm			Per Square Metre	
5	Providing and fixing corner type (beading) 40mmx40mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class teak wood.	23.21	Rmt			Per Running metre	
6	Providing and fixing unitex non woven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm thickness and 900 grams weight per dquare metre laid on floor with approved adhesive complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.20	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 97,605.00	
Name of Work :- A/R & M/O various type-III and Type-IV GAD Qtrs. at Pari Mahal, Kasumpti, Shimla-9 (SH: Painting and Distempering in Type-IV 58,61 and other GAD Qtrs. on due/vacation under Parimahall section).						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	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)	651.38	Sqm			Per Square Metre	
2	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	305.08	Sqm			Per Square Metre	
3	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.	573.88	Sqm			Per Square Metre	
4	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.	239.12	Sqm			Per Square Metre	
5	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) One or more coats on old work	371.14	Sqm			Per Square Metre	
6	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.	20.00	Sqm			Per Square Metre	
7	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	
						Total	


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

SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs.1,79,800 /-only


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

TIME ALLOWED : Two Months.

NAME OF WORK:- A/R & M/O to Various Type-I to VI Quarters at Kasumpti Shimla-9 (SH: Providing painting , distempering in various sets on vaction Type-I to Type-VI)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1.00	Removing of old paint or polish from wood and wood based surface with paint remover of approved brand and manufacture and making the surface even and smooth paint remover of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	300.00	Sq m		Per Square Metre	
2.00	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.	350.00	Sq m.		Per Square Metre	
3.00	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.	750.00	Sq m.		Per Square Metres	
4.00	Wall painting (one coats) with acrylic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surface to give an even shade including thoroughly brushing the surface freefrom mortar dropping and other foreign matter and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	250.00	Sq m		Per Square Metre	
5.00	Extra over item No3 for every subsequent coat of Wall painting on perviously painted walls based surfaces with enamel paint brushing wood including carriage of materials in all leads and lifts	125.00	Sq m.		Per Square Metres	
6.00	Polishing two coast with malamine polish on new wood and wood based surface to give an even surface including cleaning the surface of all dirt dust etc including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sq m.		Per Square Metres	


7.00	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 clean 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.	550.00	Sq m			Per Square Metre	
8.00	Extra for every subsequent coat of oil boud distempe rincluding carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	225.00					
9.00	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 enamel paint other than white	250.00	Sq m			Per Square Metre	
10.00	Extra for every subsequent coat of wood paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With enamel paint other than white	125.00	Sq m			Per Square Metre	
11.00	Painting one coat (excluding priming coat) on previously painted steel and metal 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 enamel paint other than white	200.00	Sq m			Per Square Metre	
12.00	Extra for every subsequent coat of Steel paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With enamel paint other than white	100.00	Sq m			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:- 1,84,470.00	
Name of Work :- A/R & M/O type-VI Qtrs. at Mehli Kasumpti, Shimla-9 (SH: Painting , Distempering & Sanitary work etc. set No.9,12 and 19 Type-VI at Mehli Kasumpti Shimla-9) (Balance work).						Earnest Money :- 3,700.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing one piece construction with vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I./PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings, and cutting and making good the walls and floors etc. wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Hindustan one piece closet Edge S-220	3.00	Nos			Each	
2	Providing and fixing health faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm	2.00	Nos			Each	
3	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 ESS	4.00	Nos			Each	
4	Providing and fixing 600 x120mm Glass self complete fixed to wooden plugs with C.P. brass screws make viking including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
5	Providing and fixing PVC waste pipe flexible (Coil type) length not less than 800mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia	4.00	Nos			Each	
6	Providing and fixing C.P. Brass stop cocks/Angle cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia.	4.00	Nos			Each	
7	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 450mm length (i) 15mm nominal bore.	6.00	Nos			Each	
8	Providing and fixing 32mm (thirty two milimetre) dia C.P. brass waste basin or sink complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
9	Providing and fixing cosmetic mirror cover including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each	
10	Providing and fixing cornic Mirror including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	

11	Providing and fixing grab bar viking of approved quality sparting water sheet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
12	Providing and fixing 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.SEEKO	1.00	Nos			Each	
13	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 750mm x 20mm	6.00	Nos			Each	
14	Providing and fixing wire gauge shutter using galvanised wire mesh in aluminium windows in windows including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.80	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

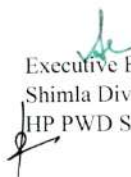
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. **Estimated Cost:- 1,63,165.00**

Name of Work :- A/R & M/O various residential quarters type-I to VI at Mehli Kasumpti Shimla-9 (SH: C/O R.R. **Earnest Money :- 3,300.00**

, Breast Wall and other repair work in Type-VI set No.18 at Kasumpti Shimla-9). **Time:- 60 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) in all kinds of soil including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required).All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	7.20	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.	18.00	Cum			Per Cubic Metre	

3	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702,704,1202 and 1204 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)Random rubble masonry (i) In cement mortar 1:6(One cement:Six sand).	24.99	Cum			Per Cubic Metre	
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	10.00	Rmt			Per Running Metre	
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Granular material.	5.40	Cum			Per Cubic 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.	234.00	Kgs.			Per Kilogram	
7	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	15.12	Sqm			Per Square Metre	
8	Painting one coat (excluding priming coat) on previously painted steel and othermetal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)With Enamel paint white.	80.00	Sqm			Per Square Metre	
9	Providing and fixing polycarbonated transparent sheet 1.2mm thick in roofing with galvanised J or L hooks bots and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.80	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,78,523.00	
Name of Work :- Improvement of Chotta Shimla Kasumpti Panthaghatti road (SH: Providing and laying valley side Edge Line, Centre Line).						Earnest Money :- 3,600.00	
						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 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. (i) Both side Edge Line & Center line.	457.75	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:- 2,97,057.00	
Name of Work :- A/R & M/O to various residence quarter under Kasumpti Shimla-2 (SH: Providing and fixing wooden frames and sanitary fixers in servant quarter No.59 to 66 at Brock Hurst).						Earnest Money :- 6,000.00	
						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.	1.08	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.	4.97	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) 1:3:6(One cement:three coarse sand):six graded stone aggregate 20mm(twenty millimetre) nominal size)	16.34	Cum			Per Cubic Metre	
4	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Sal wood.	0.37	Cum			Per Cubic Metre	
5	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)Sal wood	17.00	Sqm			Per Square Metre	
6	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.	20.00	Sqm			Per Square Metre	
7	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.	20.00	Sqm			Per Square Metre	
8	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125mm	16.00	Nos			Each	
9	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) 200x16mm	8.00	Nos			Each	
10	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	16.00	Nos			Each	
11	Providing wood work in frames of false ceiling, partitions etc. sawn and fixed in position with necessary stainless steel screws etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) Sal wood	0.14	Cum			Per Cubic Metre	

12	Providing and fixing vitreous China Hind ware IS marked IS No.2556 or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back i)550 x400mm	4.00	Nos			Each	
13	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 450 x 450 mm with bowl depth 200 mm	4.00	Nos			Each	
14	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)32 mm(thirty two milimetre) dia	4.00	Nos			Each	
15	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
16	Providing & fixing 100 mm (one hundred miliemtre) dia, C.P. grating including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each	
17	Providing and fixing looking mirror of superior glass with plasitic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
18	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. (a)600 X 20 mm (six hundred into twenty milimetre)	4.00	Nos			Each	
19	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each	
20	Providing and fixing CP brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)15mm (fifteen milimetre) dia.	8.00	Nos			Each	
21	Providing and fixing CP brass pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 15mm(fifteen milimetre) dia :-	4.00	Nos			Each	
22	Providing and fixing C.P.brass angle valve without nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm(fifteen milimetre) dia.	20.00	Nos			Each	

23	Providing and fixing PVC connection pipe with brass union including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 45 to 60 cms (forty five to sixty centimetres) length :- (i) 15mm (fifteen milimetre) nominal bore.	8.00	Nos			Each	
24	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	4.00	Nos			Each	
25	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.	4.00	Nos			Each	
26	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) Anglo Indian (Universal Closet)	4.00	Nos			Each	
27	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	
28	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)	100.00	Sqm			Per Square Metre	
29	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	10.00	Sqm			Per Square Metre	
	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	25.00	Sqm			Per Square Metre	

	(b) With enamel paint other than white.	5.00	Sqm			Per Square Metre	
31	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	10.00	Sqm			Per Square Metre	
32	Extra over item No. 31 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With Enamel paint white.	10.00	Sqm			Per Square Metre	
33	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equivalent on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
						Total	

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

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DRAFT SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 2,21,750.00
Name of Work :-Improvement of various roads under Bharari section (SH: Repair of ^{Surf} Pot holes on Bharari to Bhont road).							Earnest Money :- 4,500.00
							Time:- One Month
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm (Twenty milimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2,503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	959.00	Sqm	231.23	Rupees Two Hundred Thirty One and Paise Twenty Three Only	Per Square Metre	221750.00
							221750.00

CONDITION: (i) Bitumen will be issued from PWD Store at Shimla free of cost.

DNIT approved for Rs.2,21,750/- Only (Rupees Two Lac twenty one thousand seven hundred fifty only) vide DNIT Register Sr.No. 372 the financial year 2022-23.

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:- 98,225.00	
Name of Work :-A/R & M/O to various residence quarter under Kasumpti Sub Division Shimla-9 (SH:						Earnest Money :- 2,000.00	
Renovation of Toilet, Bath and minor repair work in Type-II set No.17,18 Type-V set No.12 at Kasumpti						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For <u>thickness of tiles upto 25mm</u>	15.23	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.43	Cum			Per Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-Charge.	0.07	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.07	Cum			Per Cubic Metre	
5	Taking out and Refixing doors, windows and clerestory window shutters (steel or wood) including stacking with in 50 metres lead as per direction of Engineer-in-Charge.	2.00	Nos			Each	
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm			Per Square Metre	
7	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	0.76	Cum			Per Cubic Metre	
8	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.36	Sqm			Per Square Metre	
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in.(i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre	

10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve 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	18.81	Sqm			Per Square Metre	
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm(three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre)thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.47	Sqm			Per Square Metre	
12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty 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.(i) Size of tile 600x600mm (six hundred into six hundred milimetre)	11.88	Sqm			Per Square Metre	
13	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen milimetre) nominal bore.	18.00	Rmt			Per Running Metre	
14	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 75mm nominal diameter	7.00	Nos			Each	
15	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110mm dia.	6.00	Rmt			Per Running Metre	
	(b) 75 mm dia.	6.00	Rmt			Per Running Metre	
16	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	2.00	Nos			Each	
	(b) 75 mm dia.	2.00	Nos			Each	

17	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	2.00	Nos			Each	
	(b) 75 mm dia.	2.00	Nos			Each	
18	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	
19	Providing and fixing PVC waste pipe flexible (Coil type) length not less than 800mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 32mm dia	1.00	No			Each	
20	Providing and fixing C.P. grating for floor traps or Nahani trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm dia	4.00	Nos			Each	
21	Providing and fixing looking mirror of superior glass with plastic frame complete with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
22	Providing and fixing C.P. brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 600mm x 20mm	2.00	Nos.			Each	
23	Providing and fixing Acrylic shelf with C.P. brass bracket and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
24	Providing and fixing CP brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)15mm (fifteen milimetre) dia :-	3.00	Nos			Each	
25	Providing and fixing CP brass pillar tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 15mm(fifteen milimetre) dia :-	1.00	No			Each	
26	Providing and fixing C.P.brass angle valve without nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm(fifteen milimetre) dia :-	4.00	Nos			Each	
27	Providing and fixing PVC connection pipe with brass union including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)45 to 60 cms (forty five to sixty centimetres) length :- (i)15mm (fifteen milimetre)nominal bore :-	4.00	Nos			Each	
28	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float,with push button,couplings for connections with inlet, outlet and ovr flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

29	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. CERA MAKE IVORY	1.00	Nos			Each	
30	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) Anglo Indian (Universal Closet)	1.00	No			Each	
31	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C. pan) size 580mm(Five hundred eighty millimetre) (Earth work, bed concrete, foot rest and trap to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Orissa Pattern	3.00	Nos			Each	
32	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Anglo Indian (Universal Closet) with pedestal	2.00	Nos			Each	
33	Providing and fixing vitreous China pedestal constellation starwhite including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
						Total	

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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 99128.00

Name of Work :-Improvement of Curve on Shoghi Mehli Junga Sadhupul road Km 12/375 to

Earnest Money :- 2,000.00

48/925. (SH:-Widening of Curve between Rd 40/470 to 40/490).

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 26.16 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.	261.62	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITIES

ESTIMATED COST Rs. 84,865/-only

EARNEST MONEY Rs. 1,000/-only

TIME ALLOWED : One Months.

NAME OF WORK: A/R & M/O to Type-VI qtrs at Mehli Kasumpti Shimla-9 (SH: Providing and fixing Steel Structure over Poly Carbonated Sheet roofing in Set No. 14 Type-VI at Mehli Kasumpti Shimla-9)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Steel work welded in built up sections, 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 Hollow Section.	269.26	Kg		Per Kilogramme	
2	Providing and fixing poly carbonated transparent sheet 2.00mm (Two point zero milimetre) thick in roofing with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	27.66	Sqm		Per Square Metre	
					Total	

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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 1,10,557.00

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 set No.14 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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:4:8(One cement :four sand: eight graded stone aggregate) (one or richer mix (i/c equivalent design mix).	1.41	Cum			Per Cubic Metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)For thickness of tiles 10 mm to 25 mm	25.44	Sqm			Per Square Metre	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowklats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	1.00	No			Each	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.83	Cum			Per Cubic Metre	
	(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.04	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.	8.80	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.	35.44	Sqm			Per Square Metre	

7	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm dia nominal bore	19.00	Rmt			Per Running Metre	
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	3.00	Nos			Each	
9	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)110 mm dia.	2.40	Rmt			Per Running Metre	
	b)90 mm dia.	7.00	Rmt			Per Running Metre	
10	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm Dia.	1.00	No			Each	
	(ii) 90mm dia	1.00	No			Each	
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110 mm Dia.	2.00	Nos.			Each	
	(ii) 90 mm Dia.	3.00	Nos			Each	
12	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts by all means & other incidentals.(a)110mm dia	2.00	Nos			Each	
	(ii) 90mm dia	2.00	Nos			Each	
13	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) 110 mm X 90 mm dia.	1.00	No			Each	
14	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.	4.00	Nos			Each	
15	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm (three milimetre) thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110	1.00	No			Each	

	(ii) 90 mm Dia.	1.00	No			Each	
16	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality 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 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	
18	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	
19	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	
20	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	1.45	Cum			Per Cubic Metre	
21	Centering and shuttering including strutting, propping etc. and removal of form work for including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Retaining walls, return walls, walls(any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and seps etc.	1.28	Sqm			Per Square Metre	
22	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:2marble dust) with an admixture of pigment to match the shade of the marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 20mm thick baroda green	2.39	Sqm			Per Square Metre	
23	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	1.00	No.			Each	
	(ii) 90mm dia	3.00	Nos			Each	
24	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	
25	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	

26	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)	3.90	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

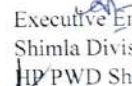
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,88,963.00	
Name of Work :- A/R & M/O various residence quarter at Brock Hurst Shimla-2 (SH: Renovation of W.C.						Earnest Money :- 7,800.00	
Kitchen, Cup board and minor repair work in below Pine set No.1 at Brock Hurst Shimla).						Time:- Two Month	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Taking out doors, windows and clerestory windows shutters (steel or wood) including stacking within 20metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Not exceeding 3 Sqm in area.	6.00	Nos			Each	
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.48	Cum			Per Cubic Metre	
3	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm	59.95	Sqm			Per Square Metre	
4	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.	10.00	Cum			Per Cubic Metre	
5	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.	2.36	Sqm			Per Square Metre	
6	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4 (1Cement:4 Sand).	4.72	Sqm			Per Square Metre	
7	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.05	Cum			Per Cubic Metre	
8	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) 1st class Deodar wood	1.40	Sqm			Per Square Metre	

9	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 125mm	36.00	Nos.		Each	
10	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	26.30	Sqm		Per Square Metre	
11	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.88	Sqm		Per Square Metre	
12	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.	52.78	Sqm		Per Square Metre	
13	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.	39.57	Sqm		Per Square Metre	
14	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.	16.00	Sqm		Per Square Metre	
15	Providing and fixing non woven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm(three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhesive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.80	Sqm		Per Square Metre	
16	Providing and fixing byson board ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 9mm (Nine milimetre) thick	3.84	Sqm		Per Square Metre	
17	Providing and fixing plain square edged cover fillets (beading)40mmx12mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) 1st class Indian teak wood.	39.00	Rmt		Per Running Metre	
18	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	3.60	Sqm		Per Square Metre	

	(b) 6mm thick	1.69	Sqm			Per Square Metre	
19	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm (zero point five six milimetre) for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) 40mm (forty milimetre)thick 2nd class deodar wood.	1.40	Sqm			Per Square Metre	
20	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 200x16mm	8.00	Nos			Each	
21	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(a) 200x10mm	55.00	Nos			Each	
	(b) 150x10mm	32.00	Nos			Each	
22	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	64.00	Nos			Each	
23	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.	18.00	Nos			Each	
24	Providing and fixing plain square edged cover fillets (beading)19mmx6mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) 1st class Indian teak wood.	65.00	Rmt			Per Running Metre	
25	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) 8mm (eight milimetre) thick	51.50	Sqm			Per Square Metre	

26	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.	13.45	Sqm			Per Square Metre	
27	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen milimetre) nominal bore.	54.00	Rmt			Per Running Metre	
28	Providing and laying marble work (Table rubbed and polished) with semi round nosing 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 Green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.72	Sqm			Per Square Metre	
29	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.	23.55	Rmt			Per Running Metre	
30	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.	20.00	Nos			Each	
31	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" Cutlery	1.00	No			Each	
	(ii)15x20x8" Plain	3.00	Nos			Each	
	(iii)18x20x8" Plate	1.00	No			Each	
32	Providing and fixing Modular kitchen accessories Hydraulic hinges with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	36.00	Pair			Per pair	
33	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making 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)75mm nominal diameter	4.00	No			Each	
34	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)110mm dia.	6.00	Rmt			Per Running Metre	


	(b) 75mm dia	9.00	Rmt			Per Running Metre	
35	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	3.00	Nos			Each	
	(b) 75mm dia	4.00	Nos			Each	
36	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110mm dia	4.00	Nos			Each	
	(b) 75mm dia	6.00	Nos			Each	
37	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm (three millimetre) thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110 mm dia.	2.00	Nos			Each	
	(ii) 75 mm dia.	2.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,66,101.00	
Name of Work :- A/R & M/O 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.0/860 to 1/065, 1/145 to 1/270 at Brock Hurst).						Earnest Money :- 7,400.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.20	Cum			Per Cubic Metre	
2	Providing and laying 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)1:1.5:3 (1 cement : 1.5 coarse sand) : 3 graded stone aggregate 20 mm nominal size)	3.44	Cum			Per Cubic Metre	
3	Providing and laying 80mm thick factory made cement concrete interlocking paver block of M-50 grade made by block making machine with strong vibratory compaction, of approved size, design & shape , laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Labour rate	308.08	Sqm			Per Square Metre	
4	15mm cement plaster in single coat on rough side of brick/ concrete /stone walls for interior plastering up to all floor level /heights i/c arises internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth in cement mortar 1:4(1cement:4sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	120.00	Sqm			Per Square Metre	
5	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Readymixed primer	480.00	Sqm			Per Square Metre	
6	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 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.	480.00	Sqm			Per Square Metre	

7	Providing and fixing 450mmx450mm concrete manhole cover heavy duty complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.00	Nos			Each	
						Total	


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


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,07,482.00	
Name of Work :- A/R & M/O various residential Qtrs. type I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen to Type-I set No.13 at 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	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm	6.30	Sqm			Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.63	Cum			Per Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- Charge.	0.18	Cum			Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.06	Cum			Per Cubic Metre	
5	Dismantling cement asbestos celotax/hard board in ceiling or partition wall including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (Frame work such as joists, beams to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.20	Sqm			Per Square Metre	
6	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 (fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
7	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.40	Sqm			Per Square Metre	
8	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	3.10	Cum			Per Cubic Metre	

9	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS : 12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.44	Sqm.			Per Square Metre	
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve milimetre) thick bed of cement mortar 1:3 (One cement : three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight milimetre) thick	70.84	Sqm.			Per Square Metre	
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred milimetre) or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm (twenty milimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Sqm.			Per Square Metre	
12	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, udipur green marble area of slab over 0.5 Sqm. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.80	Sqm			Per Square Metre	
13	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 610 x 510 mm with bowl depth 200 mm.	1.00	No			Each	
14	Providing and fixing Sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
15	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm (fifteen milimetre) nominal bore.	3.00	Rmt			Per Running Metre	
16	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Shelves (Cast in situ)	1.80	Sqm			Per Square Metre	


17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	30.00	Kgs.			Per Kilogram	
18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.80	Cum			Per Cubic Metre	
19	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1st Class Deodar Wood.	15.00	Rmt			Per Running Metre	
20	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick (i) 2nd class deodar wood	1.62	Sqm			Per Square Metre	
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick 2nd class deodar wood	1.62	Sqm			Per Square Metre	
22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	30.00	Sqm			Per Square Metre	
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm			Per Square Metre	
24	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	15.00	Sqm			Per Square Metre	
25	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	3.60	Sqm			Per Square Metre	

26	Providing and fixing 19mm thick commercial board water proof shutters for up boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.88	Sqm			Per Square Metre	
27	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each	
28	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	45.00	Rmt			Per Running Metre	
29	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.76	Sqm			Per Square Metre	
30	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	30.00	Sqm			Per Square Metre	
	(b) With enamel paint other than white.	15.00	Sqm			Per Square Metre	
31	Extra over item for every subsequent coat of paint on wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm.			Per Square Metre	
	(b) With enamel paint other than white.	7.00	Sqm.			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99870.00	
Name of Work :- A/R & M/O to Challanda Piran road Km 0/00 to 28/020 (SH:- Maintenance of						Earnest Money :- 2,000.00	
Earthen shoulder , Maintenance of Drain and Culvert Trimming of Grass between Rd 5/00 to 8/00).						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with approproese equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	2320.00	Sqm			Per Sqm Metre	
2	Trimming of Grass from the shoulders/Berms and dissposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	4500.00	Sqm			Per Sqm Metre	
3	Maintenabce of drain including erosion ,reocar ,cleaning ,reshaping ,regarding ,deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the direction of Engineere -in Charge.	2200.00	Rmt			Per Running Metre	
4	Maintenance of Hume pipe Culvert by way of Cleaning , Erosion repiar to Cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials withing all leads and lift as per the direction of Engineer -in -Charge.	4 00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- R.R.D Occurred due to digging by Sewer line by SJPNL on Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925 (SH:- C/O R/Wall at Rd 23/820 to 23/825).
Estimated Cost:- 98490.00
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	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be duly compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	7.20	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty millimetre) nominal size).	1.40	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete including Shuttering as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty millimetre) nominal size).	15.75	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 the directions of the Engineer-in-Charge. (i)1:3:6 (one Cement : three coarse sand) : six graded stone aggregate 40 mm (forty millimetre) nominal size)	1.44	Cum			Per Cubic Metre	

5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	5.40	Cum			Per Cubic Metre
6	Providing weep holes in Breast wall Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	11.00	Rmt			Per Runing Metre
						Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.						Estimated Cost:- 1,12,175.00	
Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti Shimla-9 (SH: Repair work in Toilet, Bathroom and Kitchen in Type-III set No.32 at 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	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:4:8(One cement :four sand: eight graded stone aggregate) (one or richer mix (i/c equivalent design mix).	1.41	Cum			Per Cubic Metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)For thickness of tiles 10 mm to 25 mm	21.20	Sqm			Per Square Metre	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	1.00	No			Each	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	1.41	Cum			Per Cubic Metre	
	(i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.03	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.	7.40	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.	35.44	Sqm			Per Square Metre	

7	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	18.00	Rmt			Per Running Metre	
8	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)15 mm nominal bore	3.00	Nos			Each	
9	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm dia.	4.50	Rmt			Per Running Metre	
	b)90 mm dia.	13.00	Rmt			Per Running Metre	
10	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm Dia.	1.00	No			Each	
	(ii) 90mm dia	1.00	No			Each	
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110 mm Dia.	2.00	Nos.			Each	
	(ii) 90 mm Dia.	5.00	Nos			Each	
12	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts by all means & other incidentals.(a)110mm dia	2.00	Nos			Each	
	(ii) 90mm dia	3.00	Nos			Each	
13	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) 110 mm X 90 mm dia.	1.00	No			Each	
14	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.	4.00	Nos			Each	
15	Providing and fixing PVC single equal branch with oval access door, ISI marked insertion rubber washer 3 mm (three milimetre) thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110	1.00	No			Each	
	(ii) 90 mm Dia.	1.00	No			Each	

16	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality 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 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	
18	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	
19	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	
20	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	1.45	Cum			Per Cubic Metre	
21	Centering and shuttering including strutting, propping etc. and removal of form work for including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Retaining walls, return walls, walls(any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and sops etc.	1.28	Sqm			Per Square Metre	
22	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:2marble dust) with an admixture of pigment to match the shade of the marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Baroda green marble.	2.39	Sqm			Per Square Metre	
23	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	1.00	No.			Each	
	(ii) 90mm dia	3.00	Nos			Each	
24	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	
25	Providing and fixing cowl including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	1.00	No			Each	
	(ii) 90mm dia	2.00	Nos			Each	

26	Disposal of dismantled/demolished material upto site approved by M.C. Surrounding Shimla including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.97	Cum			Per Cubic Metre	
						Total	


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

[Signature]

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,07,293.00	
Name of Work :- A/R & M/O to Various residence Qtrs. at Kasumpti, Shimla-9 (SH: Painting work in type-1 set no.1-24 at Kasumpti shimla-9)						Earnest Money :- 6,200.00	
						Time:- One Month.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	1091.52	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	300.00	Sqm.			Per Square Metre	
3	Distemping (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, (old work) (one or more coats) including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) With white enamel paint	250.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white	200.00	Sqm.			Per Square Metre	
5	Extra over item 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	100.00	Sqm.			Per Square Metre	
	ii) With enamel paint other than white	100.00	Sqm.			Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) With Enamel paint other than white	100.00	Sqm.			Per Square Metre	
7	Extra over item 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 Enamel paint white	50.00	Sqm.			Per Square Metre	
8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equal on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1091.52	Sqm.			Per Square Metre	
9	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.	30.00	Rmt			Per Running Metre	


10	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Cement Mortar 1:4 (1 Cement:4 Sand).	43.20	Sqm			Per Square Metre	
11	Scaffolding in building side wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	810.00	Sqm			Per Square Metre	
12	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Readymixed primer	400.00	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:- 3,54,180.00	
Name of Work :- A/R & M/O to various Residence qtr at Brock Hurst Kasumpti Shimla 2 (SH: C/O Garrage at Kasumpti Shimla).							Earnest Money :- 7,100.00	
							Time:- One month	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	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 complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)0.63 mm thick sheet	7.00	Rmt			Per Running Metre		
2	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bots and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	58.61	Sqm			Per Square Metre		
3	Providing and fixing Chequered sheet including cutting, hoisting fixing in postion and welding to steel roof members and applying a coat of red lead primer complete (Base members of steel work shall be measured & paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1532.00	Kg.			Per Kilogram		
4	Supplying and fixing welding mesh to wood or steel members in partitions etc. Weight exceeding 3 kg. and not exceeding 5 Kg. per Sqm.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	46.83	Sqm			Per Square Metre		
5	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign maters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Enamel paint other than white.	100.00	Sqm.			Per Square Metre		
6	Providing eaves board 250mmx38mm thick including fixing in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 2nd class deodar wood.	7.50	Rmt			Per Running Metre		
7	Scaffolding in building side wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	24.00	Sqm			Per Square Metre		
8	Providing and fixing wire guage M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56mm for doors windows and clerestorey windows in aluminium door, window, ventilator shutters and partition etc. with PVC/neoprens gasket etc. complete as per the architevtural drawings and the directions of the Engineer-in-Charge.2nd class deodar wood.	0.78	Sqm			Per Square Metre		
9	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: 1:3:6 (One cement : Three coarse sand) : six 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	4.3	Cum			Per Cubic Metre		


10	Providing and fixing stainless steel centre lock make Harison including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Per Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 3,23,730.00		
Name of Work :-Improvement & Widening on Baldeyan to Dharampur road km.0/000 to 10/000 (SH: C/O R/Wall between Km. 3/900 to 3/905).					Earnest Money :- 6,500.00		
					Time:- 30 Days.		
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	9.00	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.	11.31	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).	1.32	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).	68.97	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.	8.55	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.	14.25	Rmt			Per Runing Metre	
						Total	

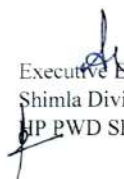

 Executive Engineer,
 Shimla Division No.I,
 HP PWD SHIMLA-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.						Estimated Cost:- 3,06,638.00	
Name of Work :- A/R & M/O to various residential qtrs Type-I to VI at Mehli Kasumpti Shimla -9 (SH: Providing and fixing Polycarbonate sheet ,Tile in type-VI Set No.3, Cup board in type-IV set No.21, Welded mesh and polycarbonate sheet in type-IV set No.30 at Kasumpti shimla-9).						Earnest Money :- 6,200.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In gratings, framed guards bars ladders, railing, brackets and similar work.	262.41	kg			Per Kilogramme	
2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)One or more coats on new work	50.00	Sqm			Per Square Metre	
3	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bots and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.24	Sqm			Per Square Metre	
4	Providing and fixing polycarbonated transparent sheet 4 mm thick in roofing with galvanised J or L hooks bots and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.63	Sqm			Per Square Metre	
5	Providing and fixing M.S. welded mesh 25mmx25mmx3mm thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.24	Sqm			Per Square Metre	
6	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	18.46	Sqm			Per Square Metre	
7	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.07	Sqm			Per Square Metre	
8	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.62	Sqm			Per Square Metre	
9	Providing and fixing plain square edged cover fillets (beading) 50mmx12mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 1st Class Indian teak Wood.	60.00	Rmt			Per Running Metre	
10	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	90.00	Rmt			Per Running Metre	
11	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	

12	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	20.00	Nos			Each	
13	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.	7.04	Sqm			Per Square Metre	
14	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) 1st class Deodar wood	3.780	Sqm			Per Square Metre	
15	Providing and fixing wire gauge shutter using galvanized M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56mm for doors windows and clerestorey windows in aluminium door, window, ventilator shutters and partition etc. with PVC/neoprens gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge(cost of aluminium snap beading shall be paid in basic item) (i) 40mm thick 2nd class deodar wood).	3.78	Sqm			Per Square Metre	
16	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 200x10mm	5.00	Nos			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	10.00	Nos			Each	
18	Marble work (table rubbed and polished for walls lining) Veneer work 4 cm. thick in cement mortar 1:3 (1 cement:3 sand) including pointing with white cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the marble shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Baroda Green Marble. (i) 20mm thick.	2.48	Sqm			Per Square Metre	
19	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 610 x 510 mm with bowl depth 200 mm.	1.00	No			Each	
20	Providing and fixing wash basin with pedestal 15 mm brass pillar tap 32 mm C/P brass waste of standarder pattern including painting of fitting and brackets cutting holes and making good the wall wherever require. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
21	Providing and fixing G.I pipes complete with G.I fittings and clamps including making good the walls etc. Concealed pipe Including painting with anti corrosive bitumastic paint ,cutting chases and making good the wall.carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia nominal bore .	6.00	Rmt			Per Running Metre	
22	Providing and fixing 600mm x 450 mm(six hundred milimetre into four hundred fifty milimetre) bevelled edge mirror of superior glass mounted on 6mm(six milimetre) thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	

23	Providing and fixing 600 x120mm Glass self complete fixed to wooden plugs with C.P. brass screws make viking including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
24	Providing and fixing Glass corner complete fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charges.	6.00	Nos			Each	
25	Providing and fixing sink mixer including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
26	Providing and fixing Pillar cock including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No			Each	
27	Providing and fixing 300x300mm chequered tile 25mm thick without marbal chips of specified sizes laid in floors treads of steps and landings on a bed of 25 mm average thickness of cement mortars 1:6 (1cement :6 sand) jointed with neat cement slurry mixed with pigment to match the shade of tile (wherever required) including rubbing and polishing complete with tiles of following shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	31.90	Sqm.			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs. 3,98,610/-only

EARNEST MONEY :Rs. 8,000/-only.

TIME ALLOWED : One Months.

Name of Work :- Construction of Pedestrian path from St. Bed's Chowk to Sanjauli Shimla (Sh:0 Providing and laying chequered tiles on Pedestrian path on M.R.R. Via Chotta Shimla in Km. 154/950 to 155/100)


Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Providing and laying Chequered 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).	270.00	Kg		Per Kilogramme	
2	15 mm cement plaster in single coat on fair side of brick/concrete walls for internal 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. (i) Cement mortar 1:6 (1 cement:6 sand)	45.00	Sqm		Per Square Metre	
3	Painting two coat(excluding priming coat) on new masonry/ concrete surface based surfaces with Syanthic enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping.	45.00	Sqm		Per Square metre	
					Total	

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

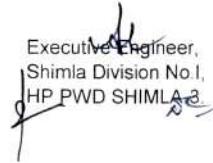
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,92,562.00	
Name of Work :- A/R & M/O to various residence quarter at Kasumpti Shimla-9 (SH: Providing and fixing						Earnest Money :- 3,900.00	
Cup board and minor repair work in type -I Set no.18,19,11,10,5 at Kasumpti Shimla-9).						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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	38.00	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.	42.56	Sqm			Per Square Metre	
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.	19.56	Sqm			Per Square Metre	
4	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.56	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.	36.00	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	172.00	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.	47.56	Sqm			Per Square Metre	
8	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Ready mixed paint brushing wood primer pink.	20.00	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.	20.00	Sqm			Per Square Metre	
10	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm (forty milimetre into twelve milimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 1st class 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) 125 mm	30.00	Nos			Each	
12	Providing and fixing anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 250x16mm	2.00	Nos			Each	
13	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200x10mm	35.00	Nos			Each	
14	Providing fixing bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10 mm	10.00	Nos			Each	
	(ii) 100x10 mm	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. (i) Plain Glass: 4mm thick.	3.80	Sqm			Per Square Metre	
16	Providing and fixing aluminium eyehook 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.	45.00	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:- 4,92,824.00		
Name of Work :-Construction of Baldeyan to Kadog road Km 0/00 to 12/00 (SH:- C/O PCC U-shape Drain in Km 0/00 to 12/000). <i>at Rel 5/270</i>					Earnest Money :- 9,900.00		
					Time:- 30 Days.		
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for structure as per drawing and technical specification Clause 305.1 including setting out, construction of shoring & bracing removal of stumps and other deleterious material and disposal upto a lead of 50 mtrs. dressing of sides and bottom and back filling in trenches with excavated suitable material. I. Ordinary soil.	88.74	Cum			Per Cubic Metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802.803,1202 & 1203 . I. P.C.C. grade M 10 (i) Nominal mix 1:3:6 (1cement :3sand:6graded)	88.74	Cum			Per Cubic Metre	
						Total	



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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 1,87,040 .00	
Name of Work :- RRepair and Maintenance road from Pacheog to Baggi jubber Ghorna road km.0/000 to10/000 (SH: C/O R/Wall at RD. 4/420 to 4/424.50 and 6/390 to 6/395).					Earnest Money :-3,800.00	
					Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
Sr.No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Earth work in excavation for structure as per drawing and technical specification Clause 305.1 including setting out, construction of shoring & bracing removal of stumps and other deleterious material and disposal upto a lead of 50 mtrs. dressing of sides and bottom and back filling in trenches with excavated suitable material. I. Ordinary soil.	7.00	Cum		Per Cubic Metre	
2	Providing form work with steel plates 3.15mm thick welded with angle iron in frame 30x30x5mm so as to give a fair finish i/c centring, shuttering, strutting and propping etc. with wooden battens and bailies in all heights or propping and centring, below supporting floor to ceiling not exceeding 4mtrs and removal of the same for in situ-reinforced concrete and plain concrete work in: b)Flat surfaces such as soffits of suspended floors, roofs, landing and the like.	62.75	Sqm.		Per Square Metre	
3	Providing and fixing cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. .a) Moulding as in cornices, window sill etc. exceeding 15 Cm in girth.	4.86	Cum		Per Cubic Metre	




4	Cutting in earth work in all heights and in all kinds of soils such as kankar, moorum, shingle boulders, composed or soft variety of soil like spade work, pick work, jumper work, soft rock and hard rock including their intermediate classification and chiseling/wedging out of rock where blasting is prohibited including saturated soil and filling in embankment etc., where necessary consolidation etc., and disposal of all surplus excavated unserviceable earth in all leads and lifts through mechanically transport or by head load or any other mode of transportation at approved dumping site as per the direction of the Engineer-in-Charge.	10.69	Cum			Per Cubic Metre	
5	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 . a) Cement Mortar 1:4:8 (1 cement: 4 sand: 8 graded stone agg. 20mm nominal size).	24.94	Cum			Per Cubic Metre	
6	Providing and laying cement concrete 1:6:12 (1 cement: 6 sand: 12 graded stone agg. 40mm nominal size) and curing complete excluding cost of centring and shuttering in: i) Foundation and plinth.	2.14	Cum			Per Cubic Metre	
7	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 . a) Granular material.	5.70	Cum			Per Cubic Metre	
8	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.	30.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,76,600.00	
Name of Work :- Improvement and Widening to Dharampur, Baldeyan, Seonthal roads under Sub-Division Mashobra at Dhalli (SH: P/L of rumble strips, informatory sign board, brand grade Km. stone/Local stone etc.).						Earnest Money :- 5,600.00	
						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 pavement marker (rumble strips) made out of ABS unbreakable polycarbonate plastics (yellow colour) of size 255x150x25mm with nails having 125mm stem of ABS fixed with drilling equipment both side 80x20mm 4(four) numbers reflector spark eye. The Pavement marker shall be installed with epoxy Abs including carriage of materials and equipment in all leads and lifts with all mode of transportation and as per the direction of the Engineer-in-Charge.	100.00	Nos			Each	
2	Reinforced cement concrete M - 15 brand grade Km. stone/local stone and standard design as per IRC -8 fixed in position including and printing etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	14.00	Nos			Each	
3	Reinforced cement concrete M - 15 brand grade Km. stone/local stone and standard design as per IRC -8 fixed in position including and printing etc. 200m stone including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	58.00	Nos			Each	
4	Providing and fixing of retro-reflectorized cautionary, mandatory and informatory sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Cause 1701.2.3 fixed over aluminium sheeting, 1.5mm thick supported on a mild steel angle iron post 75mm x 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450mmx450mmx600mm below ground level as per drawings and Technical Specification Clause 801 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600 x 600mm equilateral triangle	4.00	Nos			Each	

5	Providing and fixing of retro- reflectorized cautionary, mandatory and informatory sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Cause 1701.2.3 fixed over aluminium sheeting, 1.5mm thick supported on G I pipe 50mm dia firmly fixed to the ground by means of properly designed foundation with M -15 grade cement concrete 450mmx450mmx600mm below ground level as per drawings and Technical Specification Clause 1701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 800mm x 600mm rectangular.	8.00	Nos			Each	
Total							


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,85,641.00	
Name of Work :-Improvement and Widening on Talai to Dehna, Dehna toKaryan Cheog (SH:- Construction of Retaining Wall at RD. 0/615 to 0/625)						Earnest Money :- 9,800.00	
						Time:- 30 Days.	
Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil inHilly Area by mechanical 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. Any damage to the private/public property during execution will be restored by the contractor what so ever the nature of the same may be. The serviceable materials will be stacked to specified/dimensions in all leads and lifts as per directions of the Engineer-in-Charge. a) By Mechanical means.	43.50	Cum			Per Cubic Metre	
2	Earth work in excavation for structure as per drawing and technical specification Clause 305.1 including setting out, construction of shoring & bracing removal of stumps and other deleterious material and disposal upto a lead of 50 mtrs. dressing of sides and bottom and back filling in trenches with excavated suitable material. I. Ordinary soil.	8.80	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. a) Cement Mortar 1:6:12(1cement:6sand:12graded stone agg.40mm nominal size).	8.80	Cum			Per Cubic Metre	
4	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702,704,1202 and 1204. a)Random rubble masonry (i) In cement mortar 1:6(1cement:6sand).	34.76	Cum			Per Cubic Metre	
5	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(1cement:4sand:8graded stone agg.40mm nominal size).	5.10	Cum			Per Cubic Metre	


6	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for substructure and super structure complete as per drawing and technical specifications clause 704.6 & 1302.5.	75.20	Cum			Per Cubic Metre	
7	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 . a) Granular material.	15.00	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,74,459.00	
Name of Work :- A/R & M/O to various roads under Kasumpti Shimla-2 (SH: C/O Footpath and Breast						Earnest Money :- 5,500.00	
Wall in Chotta Shimla to Panthaghati road at RD. 0/845 to 0/883)						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.	25.83	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.	1.30	Cum			Per Cubic Metre	

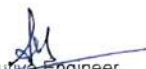
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor 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)	0.22	Cum			Per Cubic Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (one cement : two coarse sand) : four graded stone aggregate 20 mm (twenty milimetre) nominal size)	18.81	Cum			Per Cubic Metre	
5	Providing and laying cement concrete work 1:2:4 (1 Cement:2 Sand:4 graded stone aggregate 20 mm nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Suspended Floor roofs, landing and shelves and their support balconies, beams, girders, bressumers and cantilever upto all floor level.	7.53	Cum			Per Cubic Metre	
6	Providing mild steel/tor steel reinforcement for RCC work including cutting bending, binding & placing in position complete up to all floor level/all heights including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Tor steel.	200.00	Kgs.			Per Kilogram	
7	Providing and fixing ISI marked high pressure PVC (finolex) of working pressure not less than 4.5 kg/sqm, waste and ventilating pipes including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm (one hundreded ten) nominal size. (JINDAL).	100.00	Rmt			Per Running Metre	
8	Providing and fixing 450mmx450mm concrete manhole cover heavy duty complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,41,536.00	
Name of Work :-Improvement & Widening on Shimla Tattapani to(Bagi Jubber road)/km.0/000 to 1/500 (SH: C/O R/Wall between Km. 0/120 to 0/134.50).						Earnest Money :- 8,900.00	
						Time:- 30 Days.	
Sr.No	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	57.13	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.	9.86	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).	9.86	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).	81.64	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.	8.56	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 lift as per directions of the Engineer-in-Charge.	29.00	Rmt			Per Running Metre	
						Total	


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