

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 16169-78 Dated:- 31/11/21

To

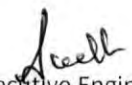
The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

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-1.,
HPPWD, Shimla-3.

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

**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:-

10-11-2021 upto 4:00 PM
11-11-2021 upto 4:00 PM
12-11-2021 up to 10:30 AM
12-11-2021 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	A/R & M/O cottage No.10 at Brock Hurst Kasumpti Shimla-9 (SH;- Providing and fixing kitchen toilet ,bath accessories in cottage No.10 Brock Hurst).	97774/-	2000/-	350/-	60 days	Class-D
2	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH;- Renovation of Toilet ,bath kitchen and minor repair work in type-III set no.154 at Brock Hurst Kasumpti Shimla-9).	99671/-	2000/-	350/-	60 days	Class-D
3	C/O Dhrech to Khagna road km. 0/00 to 15/00 (SH;- Widening of road in km. 2/265 to 2/295).	94561/-	1900/-	350/-	30 days	Class-D
4	A/R & M/O Mashobra to Bhakality road km. 0/00 to 18/360 (SH;- Maintenance of earthen shoulder maintenance of drain white washing and trimming of grass between Rd. 6/00 to 10/00).	228870/-	4600/-	350/-	60 days	Class-D
5	A/R & M/O to type-I & IV Qtrs at Kasumpti Shimla-9 (SH;- Providing and laying chequered tiles in compound the building)(JOB No-I)	96245/-	2000/-	350/-	30 days	Class-D
6	A/R & M/O to type-I & IV Qtrs at Kasumpti Shimla-9 (SH;- Providing and laying chequered tiles in compound the building)(JOB No-II)(Balance work).	81400/-	1650/-	350/-	30 days	Class-D
7	C/O Ambulance road Ghi9llu to Shakrogra km. 0/00 to 2/400 (SH;- C/O C.C. pavement in km. 0/360 to 0/455).	410862/-	8300/-	350/-	60 days	Class-D
8	C/O Dharech to Khagna road km. 0/00 to 15/00 (SH;- Widening of road in km. 2/815 to 2/845)	92610/-	1900/-	350/-	30 days	Class-D
9	A/R & M/O to various qtrs at Kasumpti Shimla-9 (SH;- Repair work of toilet and minor repair work in type-IV set no.39 at Kasumpti Shimla-9	89633/-	1800/-	350/-	60 days	Class-D
10	A/R & M/O to various GAD Qtrs at Kasumpti Shimla-9 (SH;- Repair of Stair case of approach path and P/F Checkerred tiles in stair case of type-III old block 100 to 105 under Parimahal section).	99320/-	2000/-	350/-	30 days	Class-D
11	M/T Terminal building and Renewal coat on kalyani Helipad (SH;- Painting & Distempering & barb wring fencing).	51552/-	1100/-	350/-	30 days	Class-D
12	R/O Rain damages on link road Baldian to Dharpur road km. 0/00 to 10/00 (SH;- C/O Retaining wall at Rd. 1/770 to 1/775).	98242/-	2000/-	350/-	60 days	Class-D
13	M/T and maintenance of road in Shimla Town (SH;- Providing and laying Valley side Edge line, Centring Line and Zebra Crossing line in km. 146/300 to 152/00).	497250/-	10000/-	350/-	30 days	Class-D
14	M/T and maintenance of road in Shimla Town (SH;- Painting work of Railing at RD. 154/00 to 156/00).	71158/-	1500/-	350/-	30 days	Class-D
15	M/T and maintenance of road in Shimla Town (SH;- Painting work of Railing at RD. 152/310 to 154/00).	71158/-	1500/-	350/-	30 days	Class-D
16	C/O Link Road from Kufri to Dak Bangla km. 0/00 to 2/00 under Mashobra Division HPPWD (SH;- Collecting Data preparation of KML File, Digital Map with Co-ordinates & SHP file i/c Online Submission of Forest Case).	62132/-	1300/-	350/-	30 days	Class-D
17	C/O link road from Kanda to Sari Dagain km. 0/00 to 3/700 (SH;- Preparation of submission of FCA case km. 0/00 to 3/700).	70900/-	1500/-	350/-	30 days	Class-D

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

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP. F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-I HPPWD Shimla.
5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form . The application received without earnest money & cost of tender form shall summarily be rejected.
6. The officer of the tender shall remain valid up to 75 days after the opening of tender.

7. Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
8. Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
9. If the date given above happens to be holiday the same shall be processed on next working day.
10. The Contractor/firms must quote their rates in words as well as in figures failing which EXN reserve the right to accept/reject any or all tenders.
11. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12. One contractor shall not have more than two major works in hand at a time.
13. Work should be completed by the contractor within stipulated period.

Executive Engineer,
Shimla Division No-I.,
HPPWD., Shimla-3.
Dated 31/11/21

No.PW-SD-I/CB-Tender/21-22-
Copy forwarded to :-

16177-200

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

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 97,774.00	
Name of Work :- A/R & M/O Cottage No.10 at Brock Hurst Kasumpti Shimla-9 (SH: Providing and fixing Kitchen , toilet ,bath accessories in cottage No.10 Brock Hurst)					Earnest Money :- 2,000.00	
Description of Work / Item (S)					Time:- 60 Days.	
Sr. No		No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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 nominal bore.	15.10	Rmt		Per Running Metre	
2	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm	2.00	Nos		Each	
3	Providing and fixing PVC floor trap(finolex) 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 (one hundred and Ten) nominal size :-	5.00	Nos		Each	
4	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.	8.10	Rmt		Per Running Metre	
	b) 75 mm dia.	3.10	Rmt		Per Running Metre	
5	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	2.00	Each		Each	
	b) 75 mm dia.	2.00	Each		Each	
6	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) 110mm dia	1.00	Each		Each	
	(ii) 75mm dia	1.00	Each		Each	
7	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	2.00	Each		Each	

	b) 75 mm dia.	2.00	Each			Each	
8	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 110 mm dia.	1.00	Each			Each	
	b) 75 mm dia.	1.00	Each			Each	
9	Providing and fixing vitreous China wash down, water closet squatting pan (Indian type W.C. pan) size 580mm(Five hundred eighty milimetre) (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 Make hardware cat No.20042	1.00	Each			Each	
10	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet Make hardware cat No.20011-s	5.00	Each			Each	
11	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	5.00	Each			Each	
12	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)Flat back(i) 550mm x 400mm with pedestal cat No.11003	1.00	Each			Each	
13	Providing and fixing 600mm x 450mm bavelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Each			Each	
14	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 cat No. SQTW101 make essess.	2.00	Each			Each	
15	Providing and fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm Cat No.AV 202 make essess	1.00	Each			Each	

16	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Cat No.AC-307 make essess	2.00	Each			Each
17	Providing and fixing Toliet paper holder including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) C.P. Brass.	2.00	Each			Each
18	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. Cat No.AC 503B make essess.	2.00	Each			Each
19	Providing and fixing C.P. Brass shower roase with 15mm or 20mm inlet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm dia.	1.00	Each			Each
20	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia Cat No.T-103 make essess	2.00	Each			Each
21	Providing and fixing C.P. brass angle valve 15mm without nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. cat No.T-112 make essess.	13.00	Each			Each
22	Providing and fixing muxer for kitchen sink with casted swinging spout at top including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Cat No. T -127 make essess.	2.00	Each			Each
23	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. cat No.P-118 make essess	1.00	Each			Each
24	Providiing and fixing wall mixing faucet for shower and bath with overhead pipe(1210cm)and bath shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. cat No.T-121 make essess.	1.00	Each			Each
25	Providing and fixing P.V.C. connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300/450mm length (i) 15mm nominal bore	8.00	Each			Each
26	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)610 x 510 mm with bowl depth 200 mm.	1.00	Each			Each

27	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	5.00	Each			Each
28	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Each			Each
29	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Each			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:- 99,671.00	
Name of Work :-A/R & M/O to various residence quarter at Brock Hurst Shimla-2(SH: Renovation of Toilet,Bath,Kitchen and minor repair work in Type-III/set No.154 at Brock Hurst Kasumpti Shimla-9)							Earnest Money :- 2,000.00	
Description of Work / Item (S)							Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm (Twenty milimetre)	18.60	Sqm			Per Square Metre		
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 (fifty)metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Nominal concrete 1:3:6(One cement :three sand: six graded stone aggrecte) (one 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 (fifty)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(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.	0.07	Cum			Per Cubic Metre		
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (I) Of area 3 sq. metres(three square metre) and below	2.00	Nos			Each		
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(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.	0.93	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 millimetre) thick bed of cement mortar 1:3 (One cement : three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8 mm (eight millimetre) thick	9.73	Sqm			Per Square Metre
11	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm (three hundred into three hundred millimetre) 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 millimetre) thick cement mortar 1:4 (one Cement: four Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	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 millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of tile 600x600mm (six hundred into six hundred millimetre)	3.18	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 millimetre) nominal bore.	6.00	Rmt			Per Running Metre

14	Centering and shuttering including strutting, propping etc. and removal of form for ; including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Shelves (Cast in situ)	0.72	Sqm			Per Square Metre
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	5.54	Kg.			Per Kilo-gram
16	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 rated stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre
17	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.02	Cum			Per Cubic Metre
18	Providing and fixing paneled glazed or paneled and glazed shutters for doors windows and clerestory windows including black enameled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd Class Deodar Wood.	1.35	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 for doors windows and clerestory 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.	0.26	Sqm			Per Square Metre
20	40mm thick 2nd class deodar wood Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	10.00	Sqm			Per Square Metre
21	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	10.00	Sqm			Per Square Metre

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	4.00	Nos			Each
23	Providing and fixing anodized aluminium sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen milimetre)	2.00	Nos			Each
24	Providing and fixing aluminium tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each
25	Providing and fixing bright finished or/ and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each
26	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. (a) 100 mm	5.00	Nos			Each
27	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.40	Sqm			Per Square Metre
28	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	3.60	Sqm			Per Square Metre
29	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.60	Sqm			Per Square Metre
30	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Nos			Each
31	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	10.00	Rmt			Per Running Metre

32	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.40	Sqm			Per Square Metre	
33	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron crewed 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	3.00	Nos			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) 110 mm dia.	6.00	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	2.00	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	2.00	Nos			Each	
37	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. b) With enamel paint other than white	50.00	Sqm			Per Square Metre	
38	Extra over item No.37 for every subsequent coat of paint on previously painted wood and wood based surfaces with enamel paint brushing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint. b) With enamel paint other than white	50.00	Sqm			Per Square Metre	
		25.00	Sqm.			Per Square Metre	
39	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint	25.00	Sqm.			Per Square Metre	
		10.00	Sqm			Per Square Metre	

40	Extra over item No. 39 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	5.00	Sqm			Per Square Metre
41	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
42	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm			Per Square Metre
43	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3 (1cement:3sand) including jointing with cement mortar 1:2 (1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.72	Sqm			Per Square Metre
44	Providing and fixing vitreous China Hind ware IS marked IS No. 2556 or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back :- (i) 550 X 400 mm (five hundred fifty into four hundred millimetre)	1.00	No			Each
45	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. (a) 610 x 510 mm (six hundred ten into five hundred ten millimetre) with bowl depth 200 mm (two hundred millimetre).	1.00	No			Each
46	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 millimetre) dia	1.00	No			Each
47	Providing & fixing 32 mm (thirty two millimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
48	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each
49	Providing and fixing looking mirror of superior glass with plastic frame including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
50	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

51	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	
52	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	3.00	Nos		Each	
53	Providing and fixing C.P Brass pillar tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	1.00	No		Each	
54	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos		Each	
55	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	4.00	Nos.		Each	
56	Providing and fixing wall mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
57	Providing and fixing wash basin mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each	
58	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	
59	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	
60	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1 SOLID TYPE A) White plastic seat and cover.	1.00	No		Each	

61	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
						Total	


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

MLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Sr.	Description of Work / Item (S)	Time:- 30 Days.	Amount :- 1,00,00
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No	No. of Qty.	Estimated Rate	Unit	Amount
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Executive Engineer,
Shimla Division No.1,
HP PWD Shimla 3.

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 2,28,870.00			
Name of Work :- A/R & M/O Mashobra Bhakalty road Km.0/00 to 18/360 (SH: Maintenance of earthen shoulder, maintenance of drain, white washing and trimming of grass between RD.6/00 to 10/00).				Earnest Money :- 4,600.00			
				Time:- 60 Days.			
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount	
			In figures	In words			
1	Maintenance of earthen shoulders (filling with fresh selected soil) making up loss material/ irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000metre as per technical specification clause 1903 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3600.00	Sqm		Per Square Metre		
2	Maintenance of drain including erosion, repair, clearing,cleaning, reshaping, regarding deepening of side drain as well as catch water drains as per technical specification clause 1907 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4000.00	Rmt		Per Running Metre		
3	Trimming of grass and weeds from the shoulders/ berms and disposing off the same to suitable locations as per technical specifications Clause 1914 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6000.00	Sqm		Per Square Metre		
4	White washing two coats on parapets walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2623.92	Sqm		Per Square Metre		
5	Maintenance of Hume pipe culvert by way of clearing, cleaning, Erosion repair, repairs to cracks, parapet wall and protection work as per drawing and technical specification clause 1908 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos		Each		
					Total		


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

Schedule Of Quantity

Schedule Of Quantity							Estimated Cost:-96,245/- only
Name of work :-A/R & M/O to Type-I & IV Qtrs at Kasumpti Shimla-9.(Sh:-Providing and Laying Chequered tiles in compound of the buildings) (Job N-I)							Earnest Money:-2000.00 only
							Time:-One Months.
S.No	Description of Work	No.of Qty.		Rate		Unit	Amount
				In figures	In words		
1	2	3	Cum	5	6	7	8
1	Providing and laying precast chequered tiles polished 20 mm thick of specified sizes in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (one cement six sand) jointed with grey cement slurry mixed with pigment to match the shade of tiles (wherever required) complete as per the direction of the Engineer-In-Charge including carriage of materials in all leads and lifts.	45.00	Sqm			Per Square metre	
2	Providing and laying Cement concrete 1:3:6 (one cement three sand six graded stone aggregate 40 mm nominal size) excluding cost of form work complete as per the direction of the Engineer-In-Charge including carriage of materials in all leads and lifts.	5.50	Cum			Per Cubic Metre	
						Total	


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

Schedule Of Quantity							Estimated Cost:-81,400/- only
Name of work :-A/R & M/O to Type-I & IV Qtrs at Kasumpti Shimla-9.(Sh:-Providing and Laying Chequered tiles in compound of the buildings) (Job N-II) (Balance Work)							Earnest Money:- 1,650.00 only
							Time:-One Months.
S.No	Description of Work	No.of Qty.	Rate In figures	In words	Unit	Amount	
1	2	3	5	6	7	8	
1	Providing and laying precast chequered tiles polished 20 mm thick of specified sizes in floors, treads of steps and landings on a bed of 25 mm average thickness of cement mortar 1:6 (one cement six sand) jointed with grey cement slurry mixed with pigment to match the shade of tiles (wherever required) complete as per the direction of the Engineer-In-Charge including carriage of materials in all leads and lifts.	40.00	Sqm		Per Square metre		
2	Providing and laying Cement concrete 1:3:6 (one cement three sand six graded stone aggregate 40 mm nominal size) excluding cost of form work complete as per the direction of the Engineer-In-Charge including carriage of materials in all leads and lifts.	4.00	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.						
Name of Work :- Construction of Ambulance road Ghillu to Shakrogra Km 0/00 to 2/400 .(SH:- C/O C.C Pavement in Km 0/360 to 0/455).						
Estimated Cost:- 4,10,862.00						
Earnest Money :-8300.00						
Time:- 60 Days.						
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Preparation of sub-graded by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil) completed as per HP PWD Specifications including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	106.87	Sqm		Per Square Metre	
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP PWD specification 100mm spread thickness (finished work including materials and labour) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	42.75	Cum		Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering .All work up to plinth level . including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Cement Mortar 1:5:10(One cement : five sand: ten graded stone agg.40mm nominal size).	28.50	Cum		Per Cubic Metre	
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) R.C.C grade M25 1:1.5:3 a) (one cement ratio one point five sand ratio three graded stone agg.20mm nominal size).	35.62	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:- 92,610.00

Name of Work :- Construction of Dharech to Khagna road Km. 0/00 to 15/00 (SH: Wedening of road in Km. 2/815 to 2/845)

Earnest Money :- 1,900.00

Time:- 30 Days.

Sl. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Earth work in surface excavation not exceeding 30cm (Thirty centimetre) in (Hydraulic excavator)/ manual means over areas (exceeding 30 cm (Thirty centimetre))in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten square metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i) Ordinary rock.	394.00	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:-89,633.00	
Name of Work :- A/R & M/O to various quarters at Kasumpti Shimla-9 (SH: Repair work of toilet and minor repair work in Type-IV set No.39 at Kasumpti Shimla-9).						Earnest Money :- 1,800.00	
Description of Work / Item (S)						Time:- 60 Days.	
Sr. No		No of Qty.	Estimated Rate In figures	Unit	Amount		
						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	17.20	Sqm	Per Square Metre			
2	Demolition above G.L.upto floor two level including disposal of unserviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)un-reinforced cement concrete more than 15cm. Thickness	1.04	Cum	Per Cubic Metre			
3	Applying cement slurry on R.C.C. slab or cement concrete work using 2.75 Kg. of cement per Sq.metre of floor area before laying cement concrete flooring including roughening, cleaning of the concrete surfaces complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.84	Sqm	Per Square Metre			
4	Providing and laying Ceramic tiles in grey/ coloured of required shade in skirting risers of steps and dados on 12mm thick cement mortar 1:3 (1cement:3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(Nitco /Kajaria/orient Make or Equal)	9.36	Sqm	Per Square Metre			
5	Providing and laying Ceramic tiles(300x300mmx6mm) in grey/coloured or of approved shade in flooring, treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1cement: 3sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (Nitco /Kajaria/orient Make or Equal)	7.84	Sqm	Per Square Metre			
6	Disposal of demolish concrete complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.47	Cum	Per Cubic Metre			

7	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 1st class Indian teak wood	20.00	Rmt			Per Running 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 C.P.Brass waste and plug for glazed ware sinks, basins, etc. with long screwed shank and fly nut and fixed to steel pipe including vulcanite plug, brass chain and stud including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 32mm nominal bore	2.00	No			Each	
11	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	No.			Each	
12	Providing and fixing cast iron floor trap of self cleaning design with sand cast iron crewed down or hinged grating without vent arm complete including cost of cutting and making goods the walls and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 75mm nominal diameter	2.00	Nos			Each	
13	Half brick masonry in common burnt clay building bricks in Super structure above plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:4(One cement:Four sand) Second Class Bricks.	5.76	Sqm.			Per Square Metre	
14	Providing and fixing one hole basin mixing Faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
15	Providing and fixing wall mixing faucet for shower and bath hand shower with Angular and Rest Holder including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	1.00	No			Each	

16	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.	5.240	Qtl.			Per Quintal	
17	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.	42.00	Sqm			Per Square Metre	
						Total	

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



SCHEDULE OF QUANTITY

Under Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 99,320.00	
Name of Work :- A/R & M/O to various GAD Qtrs. at Kasumpti Shimla-9 (SH: Repair of stair case of approach path and P/F Checkered tiles in stair case of type-III old block 100 to 105 under Parimahal Section)						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	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with 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)	5.82	Cum			Per Cubic Metre	
2	Pre polished 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	26.91	Sqm			Per Square Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.61	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 chequerred plate wherever required, all complete	320.03	Kgs			Per Kilogram	
5	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge. (i) 15 mm to 40 mm nominal bore	11.00	Rmt			Per Running Metre	
6	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. (a)15 mm dia nominal bore.	5.00	Rmt			Per Running Metre	
	(b)20 mm dia nominal bore	5.00	Rmt			Per Running Metre	

	(c) 20mm dia nominal bore	15.00	Rmt			Per Running Metre	
7	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15 mm nominal bore	1.00	No			Each	
	(b) 20 mm dia nominal bore	1.00	No			Each	
	(c) 32mm dia nominal bore	3.00	Nos			Each	
8	15 mm cement plaster on the rough side of single or half brick wall of mix including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:4 (1 cement: 4 fine sand)	15.65	Sqm			Per Square Metre	
						Total	

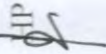

 Executive Engineer,
 Shimla Division No.1,
 HP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.W.D., SHIMLA-3.					Estimated Cost:- 51,552.00	
Name of Work :- Construction of Terminal Building and Renewal coat on Kalyani Halipade (SH: Painting & Distemping & barb wring fencing)					Earnest Money :- 1,100.00	
					Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Earth work in surface excavation not exceeding 30 cm(thirty centimetre) in depth but exceeding 1.5 m (One point five metre) in width as well as 10 sqm (ten square metre) on plan all kinds of soil 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.	0.82	Cum		Per Cubic Metre	
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - 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) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	0.82	Cum		Per Cubic Metre	
3	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	80.37	Kgs.		Per Kilogram	
4	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) With G.I. barbed wire	154.00	Rmt		Per Running Metre	

5	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	198.22	Sqm		Per Square Metre	
6	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	85.45	Sqm		Per Square Metre	
7	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i) One or more coats on old work	92.69	Sqm		Per Square Metre	
8	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 the directions of the Engineer-in-Charge.	35.62	Sqm		Per Square Metre	
					Total	

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



SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 98,242.00	
Name of Work :- Restoration of rain damages on link road Baldain to Dharampur road Km. 0/00 to 10/00					Earnest Money :- 2,000.00	
(SH: C/O Retaining Wall at RD. 1/770 to 1/775)					Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate In figures	Estimated Rate In words	Unit	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) including getting out and disposal of excavated earth all lead and lift as directed by Engineer-in-charge and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in-charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required) Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges. (i)All kinds of soil	6.60	Cum		Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be 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.	2.61	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 (1 cement:6 sand:12 graded stone agg. 40mm nominal size).	2.61	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 (1 cement:4 sand:8 graded stone agg. 20mm nominal size).	16.11	Cum		Per Cubic Metre
5	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Granular material	2.03	Cum		Per Cubic Metre
6	Providing weapholes in brick masonry / stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm (One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Rmt		Per Running Metre
					Total


 Executive Engineer,
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 HP PWD Shimla-3.

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 4,97,250.00			
Name of Work :-M/T and maintenance of road in Shimla Town (SH: Providing and laying Valley side Edge Line, Centring Line and Zebra Crossing line in KM. 146/300 to 152/00).			Estimated Rate		Unit	Amount
			Estimated In figures	In words		
Sr. No	Description of Work / Item (S)	No. of Qty.				
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.	1275.00	Sqm		Per Square Metre	
					Total	

Executive Engineer,

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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:-71,158.00		
Name of Work :-M/T and maintenance of road in Shimla Town(SH: Painting work of Railing at RD. 154/00 to 156/00)				Earnest Money :- 1,500.00		
				Time:- 30 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new , plastered/ concrete surfaces as per drawing and technical specification clause 1701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	592.00 Sqm			Per Square Metre	
					Total	


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



SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:-71,158.00			
Name of Work :-M/T and maintenance of road in Shimla Town(SH: Painting work of Railing at RD. 152/310 to 154/00)			Earnest Money :- 1,500.00			
			Time:- 30 Days.			
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new , plastered/ concrete surfaces as per drawing and technical specification clause 1701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	592.00 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:- 62,132.00			
Name of Work :-C/O Link road from Kufri to Dak Bangla Km. 0/00 to 2/00 Under Mashobra Division			Earnest Money :- 1,300.00			
HPPWD (SH: Collecting Data Preparation of KML File, Digital Map with co-ordinates & SHP file i/c, Online submission of Forest case).			Time:- 30 Days.			
Sr.N o.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Preperaton of Forest case Proposed road inMashobra sub division under the shimla rural Division HP.PWD Shimla Preparation of 5 Sets of FCA Check list in hard copy Online submission of forest case with scanning of all papers and converting the same into PDF files as per requirement for online submission and monitoring and one time resubmission of case as per the direction of Engineer- in- charge.	1.00	Each		Each	
2	Collecting the data from site Preparation of Kml file, Digital map with coordinates ,Toposheet and Shp file as per the FCA Guide line of MOEF hard copy and soft copy as per the direction of engineer-in-charge	1.00	Km.		Per Kilo Metre	
					Total	

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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 70,900.			
Name of Work :- Construction of Link road from Kanda to Sari Dagain Km 0/00 to 3/700 (SH :- Preparation of submission of FCA case Km0/00 to 3/700).				Earnest Money :-1500.00			
				Time:- 30 Days.			
Sr.N o.	Description	Qty.	Rates in		Unit	Amount	
			Figs	Words			
1	2	3	4	5	6	7	
1	Collecting the Data from site for Road preparation of KML File, Digital Map With Co-Oridanates, TOPO Sheet and ASP File hard copy and soft copy as per Direction of Engineer- in- Charge.	3.70	Kms.		Per Kilomet re		
2	Online submission of Forest Case with Scanning of all papers and Converting the same into PDF files as per the requirement for online submission and Monitoring and one time resubmission of case as per Direction of Engineer- in- Charge.	1.00	Case		Per Case		
						Total	

Executive Engineer,
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