

Himachal Pradesh
Public Works Department
No. PW-SD-I-CTR- Tender-NIT/2021-22- 18122-23 Dated:- 8/12/21

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

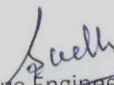
Subject :-

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-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:- | 14-12-2021 upto 4:00 PM |
| 2. Dated of Issue /sale of tender forms:- | 15-12-2021 upto 4:00 PM |
| 3. Date of receipt of tender:- | 16-12-2021 up to 10:30 AM |
| 4. Date of opening of tender:- | 16-12-2021 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	Improvement and widening road from IAS colony road to Rani Ground at RD. 0/00 to 0/950 (SH:- C/O Retaining wall between RD. 0/55 to 0/67).	323888/-	6500/-	350/-	60 days	Class-D
2	Improvement and widening on kufri Chail road (SH:- Repair of pot holes between Rd. 0/00 to 0/700)(Alampur to Bhalawg road).	203293/-	4100/-	350/-	30 days	Class-D
3	A/R to M/O to type-I to VI Qtrs at mehli Kasumpti Shimla (SH:- Providing painting and Distempering inner and set No.11 and set No.12A Type-VI at Mehli Kasumpti).	99661/-	2000/-	350/-	30 days	Class-D
4	A/R & M/O to type-VI Qtrs at Mehli Kasumpti Shimla-9 (SH:- P/F toilet accessories set no 9 type-VI and Polycarbonate sheet, Type-VI road side at Mehli Kasumpti Shimla).	81164/-	1700/-	350/-	60 days	Class-D
5	A/R & M/O various residential Qtrs type-III & IV at Parimahal Kasumpti Shimla-9 (SH:- Providing and laying chequered tile in type-III set No.57 at Parimahal Kasumpti Shimla-9).	96074/-	2000/-	350/-	30 days	Class-D
6	A/R & M/O in various type-III GAD Qtrs at Kasumpti (SH:- Covering of Balcony with expended Metal in Type-III set no.39 & 1 and other sets under parimahal section).	98650/-	2000/-	350/-	30 days	Class-D
7	Widening / Improvement of MRR via Lakkar Bazar km. 147/825 to 153/075 (SH:- Formation cutting of sharp curve in km. 152/550 to 152/585, 152/630 to 152/660).	499898/-	10000/-	350/-	30 days	Class-D
8	Restoration of rain damages to KSC MRR via chotta Shimla km. 145/100 to 149/00 (SH:- Felling of dangerous tree, Building of dangerous tree, cjtting and removal of tee stumps by digging on various Rds).	97000/-	2000/-	350/-	30 days	Class-D
9	C/O link road from Rajhana to Savi road km. 0/00 to 0/700 (SH:- C/O Retaining wall at Rd. 0/590 to 0/596).	468059/-	9400/-	350/-	30 days	Class-D
10	A/R & M/O to various Residence at Brock Hurst Shimla-2 (SH:- Inner painting work in House No.2 First floor at Brock Hurst Shimla).	164100/-	3300/-	350/-	30 days	Class-D
11	A/R & M/O various road under Kasumpti Sub Division No.VIII (SH:- Supply and stacking of crusher sand at various Roads locations).	99000/-	2000/-	350/-	30 days	Class-D
12	Construction of road Sanjulli Dhalli Bye pass km. 0/00 to 0/300 (SH:- P/F "W" Metal crash barrier ,confirmatory/mandatory board, laying of Thermoplastic etc).	497744/-	10000/-	350/-	30 days	Class-D
13	A/R & M/O to residence cottage No. 20 at Brock Hurst Shimla-9 (SH:- Renovation of toilet bath kitchen and minor repair work in cottage No.20 at Brock Hurst Kasumpti Shimla-9).	99995/-	2000/-	350/-	30 days	Class-D
14	A/R & M/O to various residence qtrs at Brock Hurst Shimla-9 (SH:- Renovation of toilet bath kitchen and minor repair work in type-III set no.75 at Brock Hurst Kasumpti Shimla-9).	99913/-	2000/-	350/-	30 days	Class-D
15	A/R & M/O Various road under Kasumpti Sub Division No. VIII (SH:- Hiring of JCB for removal of snow).	99000/-	2000/-	350/-	15 days	Class-D
16	A/R & M/O type-I to VI Qtrs at mehli Shimla (SH:- P/F tiles work in kitchen bath , W.C and Lobby in set No. 20 type-III at Mehli Kasumpti Shimla).	97222/-	2000/-	350/-	30 days	Class-D
17	Improvement and widening of road in Chotta Shimla Kasumpti road under near Sr. Secondary School Kasumpti (SH:- C/O Retaining wall).	309130/-	6200/-	350/-	30 days	Class-D
18	A/R & M/O Various residential Qtrs type-I to VI at mehli Kasumpti Shimla-9 (SH:- Providing and laying chequered tile in path gate and fencing in type-IV set no.13 to 21 at mehli Kasumpti Shimla-9).	99775/-	2000/-	350/-	30 days	Class-D
19	C/O road Rajhana to Bird colony km. 0/00 to 1/00 (SH:- Providing cement Concrete pavement between Rd. 0/750 to 0/785).	99468/-	2000/-	350/-	60 days	Class-D
20	Construction of link road from village to Kadheri to village Bharech km. 0/00 to 1/350 (SH:- Preparation of submission of FCA case km. 0/00 to 1/350).	54100/-	1100/-	350/-	30 days	Class-D
21	C/O Ambulance road from Ghushdhar to Shakin km. 0/00 to 0/500 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

22	Improvement Black spot on Shimla Mandi road km. 6/00 to 22/00 (SH;- Providing and fixing Reflective Tap to road side on WBM Railing RD. 12/223 to 12/336).	97682/-	2000/-	350/-	30 days	Class-D
23	Improvement Black spot on Shimla Mandi road km. 6/00 to 22/00 (SH;- Providing and fixing Reflective Tap to road side on WBM Railing RD. 10/900 to 11/300, 11/620 to 11/690, & 12/200 to 12/223)	96722/-	2000/-	350/-	30 days	Class-D

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

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

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

Dated :- 08-12-2021

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

Copy forwarded to :-

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

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-3,23,888.00	
Name of Work :- Improvement and widening road from IAS colony road to Rani Ground at RD.0/00 to 0/950 (SH: C/O Retaining Wall between RD.0/55 to 0/67)						Earnest Money :- 6,500.00	
Time:- 60 Days.							
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	Unit	Amount	
				In figures			
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	15.75	Cum		Per Cubic Metre		
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be 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.	19.74	Cum		Per Cubic Metre		

3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:6:12(one cement:six sand:twelve graded stone agg.40mm (forty millimetre) nominal size).	4.16	Cum			Per Cubic Metre
4	Providing concrete for plain/ reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802,803, 1202 & 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 1. P.C.C. grade M 10(1) Nominal mix 1:3:6(1cement:3sand:6graded stone agg. 20mm nominal size).	48.72	Cum			Per Cubic Metre
5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm (five centimetre to twenty centimetre), in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-Charge.	6.93	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 millimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	25.80	Rmt			Per Running Metre
7	Providing and Fixing Single "W" Metal beam crash barrier comprising of cold formed W profiled section having thickness of 3 mm (three millimetre)(uncoated thickness) with frame width of 311 mm(three hundred eleven millimetre) depth 83 mm (eighty three millimetre)and length 4318 mm(four thousand three hundred eighteen millimetre) (made of ISI marked HR coil conforming to IS : 5986/2011) , to be fixed on cold formed channel section post of size 150x75x5 mm (One hundred fifty into seventy five into five millimetre)(Made from ISI marked Hr Coils conforming to IS 5986/2011) spaced 1.50 metre(one point five zero metre) centre to centre of the post which will be of total height of 1.80 metre(One point eight zero metre) with its height of 1.1 metre(One point one metre) below ground level and 0.70 metre(zero point seven zero metre) above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150x75x5 mm and 330 mm(One hundred fifty into seventy five into five millimetre) and (three hundred thirty millimetre) long (made from ISI Marked HR coils conforming to IS : 5986/2011) , All the above components shall - conform to clause 810 of MORTH & H specifications including all fittings required for erection on road side W-Beams, Posts , Spacers shall be hot dip galvanised with Zinc coating of 550 gm/Sqm(five hundred fifty gram/swquare metre). All bolts, nuts and washers shall be hot dip galvanised to IS :1367 pt-XIII/1983 (Reaffirmed 2011) for bolts and IS 14394/1996 (reaffirmed 2011) for nuts including carriage of materials in all leads and lifts as per the direction of Engineer-in- charge. (Labour Rate)	10.50	Rmt			Per Running Metre
						Total

Executive Engineer,
Shimla Division No.I,
JHP 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:-203293.00			
NAME OF WORK: Improvement and widening on Kufri Chail road .(SH: Repair of Pot holes between RD 0/00 TO 0/700). Alampur to Bhalawag road .			Earnest Money :- 4,100.00			
			Time:- 30 Days			
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 the sides, cleaning of surface by providing tack coat, 20mm thick premix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	582.50	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:-99,661.00	
Name of Work :- A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti Shimla (SH: Providing Painting and Distemping inner and set No.11 and set No.12 A Type-VI at Mehli Kasumpti)						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	Removing of dry oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	366.20	Sqm		Per Square Metre		
2	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.	250.34	Sqm		Per Square Metre		
3	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.	861.52	Sqm		Per Square Metre		
4	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) One or more coats on old work.	356.75	Sqm		Per Square Metre		
					Total		


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

SCHEDULE OF QUANTITY

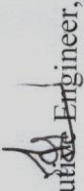
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.									
Name of Work :- A/R & M/O to Type-VI Qtrs. at Mehli Kasumpti Shimla-9 (SH: P/F Toilet accessories set No.9 Type-VI and Polycarbonate sheet, Type-VI road side at Mehli Kasumpti Shimla).									
Estimated Cost:- 81,164.00									
Earnest Money :- 1,700.00									
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 water closet with PP soft close seal cover hing,fixing accessories P or S trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each			
2	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.	3.00	Nos			Each			
3	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			
4	Providing and fixing toilet paper holder with C.P. brass brackets fixed to wooden plug 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			
5	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia	4.00	Nos			Each			
6	Providing and fixing wall mixture 15mm dia complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each			
7	Providing and fixing Tooth brush and Tumbler holder (Vitreous China)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each			
8	Providing and fixing single lever tally body without popup waste system with 600mm long braded house including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each			
9	Providing and fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each			

10	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.	3.00	Nos		Each	
11	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	
12	Providing and fixing polycarbonate transparent sheet 2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. Limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	23.40	Sqm		Sqm	
13	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.	0.288	Tonne		Per Tonne	
					Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 96,074.00	
Name of Work :- A/R & M/O various residential Qtrs. type-III & IV at Parimahal Kasumpti, Shimla-9 (SH: Providing and laying chequered tile in type-III set to 57 at Parimahal Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount	
			In figures	In words			
1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer- in-charge.	4.65	Cum		Per Cubic Metre		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level (i)1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	4.65	Cum		Per Cubic Metre		
3	Chequered terrazo tiles 22mm thick without marble chips of size upto 6mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20mm thick bed of cement mortar 1:4(1cement:4 coarse sand): (i) Light shade pigment using white cement.	62.00	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 :- A/R & M/O in various Type-III GAD Qtrs. at Kasumpti (SH: Covering of Balcony with expended Metal in Type-III set No.39 & 1 and other sets under Parimahahal Section)									
Estimated Cost:- 98,650.00									
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	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.	4.50	Qtl.			Per Quinta 1			
2	Providing and fixing M.S. welded mesh 25mmx25mmx3mm (twenty five millimetre into twenty five millimetre into three millimetre) thick as per approved design welding with electric plant complete including applying priming coat of red lead paint as per HP PWD Specification 1990 Volume-I including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	70.00	Sqm			Per Square Metre			
3	Providing and fixing M.S. pressed butt hinges bright finished with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)75x47x1.70 mm(seventy five into forty seven into one point seven zero millimetre)	20.00	Nos			Each			
4	Providing and fixing oxidised M.S. tower bolts (barrel type) with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)100x10mm (One hundred into ten millimetre).	40.00	Nos			Each			
						Total			

(Signature)

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:- 4,99,898.00	
Name of Work :- Widening /Improvement of MRR via Lakkar Bazar Km.147/825 to 153/075 (SH: Formation cutting of sharp curve in Km. 152/550 to 152/585, 152/630 to 152/660).							Earnest Money :- 10,000.00	
Description of Work / Item (S)							Time:- 30 Days.	
Sr. No	No. of Qty.	Estimated Rate In figures	Estimated Rate In words	Unit	Amount			
1	1228.25	Cum	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.	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:- 97,000.00	
Name of Work :- Restoration of rain damages to KSC, MRR via Chotta Shimla Km.145/00 to 149/00 (SH: Felling of dangerous tree, Building of dangerous tree, Cutting and removal of tree stumps by digging on various RDs.)						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	Falling, cutting of dry, green dangerous tree of girth of any dia size by cutting into pieces from top of bottom to clear the road hindrances in such a manner that it may not create any danger to any property, to the road, electrical lines and other infrastructure as per the responsibility of the contractor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos		Each		
2	Binding of dangerous tree to the road by providing PVC rope of required strength and length for its stay including all labour climbing on all heights, including all material, required dia of PVC rope and all leads (complete Job of dangerous tree). The all risk and cost shall be of contractor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos		Each		
3	Cutting and removal of tree stumps of any size any tree by excavating its roots and removal of all debris of stumps including all labour 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.I,
 HP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- .468059.00	
Name of Work :- C/O Link Road from Rajhana to Savi road Km 0/00 to 0/700(SH:- C/O Retaining							Earnest Money :- 9,400.00	
Wall at Rd . 0/590 to 0/596).							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.P.W.D. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. 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.	120.20	Cum		Per Cubic Metre			
2	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	49.86	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 1:5:10(One cement: five sand:Ten graded stone agg. 40mm (forty millimetre) nominal size).	5.88	Cum		Per Cubic Metre			

TABLE OF QUANTITY

4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803, 1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:4:8 (One cement: Four sand: Eight graded stone agg. 20mm (twenty millimetre) nominal size).	71.20	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.	17.1	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.	48.00	Rmt		Per Running Metre
					Total

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

ESTIMATED COST: Rs. 1,64,100/-only
 EARNEST MONEY: Rs. 3,300 /-only.
 TIME ALLOWED: one Months.

SCHEDULE OF QUANTITIES

NAME OF WORK:- A/r & M/O to Various Residence at Brock Hurst Shimla-2. (SH: Inner painting work in House No-2 First floor at Brock Hurst Shimla)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1.00	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.	400.00	Sq m.		Per Square Metre	
2.00	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.	300.00	Sq m.		Per Square Metres	
3.00	Painting one coats (excluding priming coat) on perviously wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter, sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With paint other then white	200.00	Sq m		Per Square Metre	
4.00	Extra over item No4 for every subsequent coat of on perviously painted wood and wood based surfaces with enamel paint brushing wood including carriage of materials in all leads and lifts with white enamel paint	100.00	Sq m.		Per Square Metres	
5.00	Painting one coats (excluding priming coat) on perviously painted steel and other metal surfaces with readymixed paint acid resisting brushing to give an even shade including cleaning of all dirt, dust and other foreign matter including all leads and lifts as per directions of the Engineer-in-Charge.	100	Sq m		Per Square Metre	
6.00	Extra over item No 5 for every subsequent coat of on perviously painted Steel and steel based surfaces with enamel paint brushing wood including carriage of materials in all leads and lifts with white enamel paint	50.00	Sq m.		Per Square Metres	
7.00	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equariled 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.	150.00	Sq m.		Per Square Metre	

8.00	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even shade including cleaning the surface of all dirt dust and sand papers smooth as including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00				Per Square Metre
9.00	Removing old paint from steel and other metal surfaces and making the surface even including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) With hand scraping	100.00	Sq m			Per Square Metre
10.00	Applying spirit oils stains (any Colour) on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt dust and sand papering so as to produce a smooth dry and and matters surface including stopping and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00				
11.00	Applying three coat of sealer filling on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sq m			Per Square Metre
12.00	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. a) Readymixed primer	300.00	Sq m.			Per Square Metre
13.00	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture for interior grade on undecorated concrete/stone/plastered wall surfaces to give an even shade including thoroughly rushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for meeting the surface including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	400.00	Sq m			Per Square Metre
14.00	Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all dirt, dust and other foreign matter, sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (STAIN MATT FINISH PAINT) a) With paint other than white	200.00	Sq m			Per Square Metre
Total						

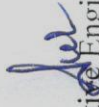
Execd. Engineer
 Shimla Division No. 1
 HPPWD 31/12/3

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:-99,000.00		
Name of Work :- A/R & M/O various road under Kasumpti Sub Division No.VIII (SH: Supplying and stacking of crusher sand at various Roads locations)				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	Supplying and stacking at site of work clean crusher sand which should be hard durable chemically inert, clean and free from adherent coating particles of miscashells and organic matters and should not contained impurities, such as iron pyrites, alkalies, salt laminated or other material which from quality of and adversely its harenig and strength duability or the appearance of the mortar. The amount of deleterious sub stances shall not exceed 4% case of day fine silt and fine dust complete in all respect of stacks as per instructions of the Engineer-in-Charge.	110.00	Cum		Per Cubic Metre	
						Total

CONDITIONS:

1. The crusher sand should be supply from approved quarry.
2. Measurement will be made as per PWD., specification.


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-4,97,744.00	
Name of Work :- Construction of road Sanjauli Dhalli Bye Pass to ^{on} the ^{the} road ^{road} Km.0/00 to 0/300 (SH: P/F "W"						Earnest Money :-10,000.00	
Metal crash barrier, Confirmatory/Mandatory board, Laying of Thermoplastic etc.).						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount	
			In figures	In words			
1	Providing and Fixing Single "W" Metal beam crash barrier comprising of cold formed W profiled section having thickness of 3 mm (three millimetre)(uncoated thickness) with frame width of 311 mm(three hundred eleven millimetre) depth 83 mm (eighty three millimetre)and length 4318 mm(four thousand three hundred eighteen millimetre) (made of ISI marked HR coil conforming to IS : 5986/2011), to be fixed on cold formed channel section post of size 150x75x5 mm (One hundred fifty into seventy five into five millimetre)(Made from ISI marked Hr Coils conforming to IS 5986/2011) spaced 1.50 metre(one point five zero metre) centre to centre of the post which will be of total height of 1.80 metre(One point eight zero metre) with its height of 1.1 metre(One point one metre) below ground level and 0.70 metre(zero point seven zero metre) above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150x75x5 mm and 330 mm(One hundred fifty into seventy five into five millimetre) and (three hundred thirty millimetre) long (made from ISI Marked HR coils conforming to IS : 5986/2011) , All the above components shall - conform to clause 810 of MORTH & H specifications including all fittings required for erection on road side W-Beams, Posts , Spacers shall be hot dip galvanised with Zinc coating of 550 gm/Sqm(five hundred fifty gramt/swquare metre). All bolts , nuts and washers shall be hot dip galvanised to IS :1367 pt-XIII/1983 (Reaffirmed 2011) for bolts and IS 14394/1996 (reaffirmed 2011) for nuts including carriage of materials in all leads and lifts as per the direction of Engineer-in- charge.	6.00	Rmt		Per Running Metre		
2	Confirmatory/ Mandatory, identification and advance direction sign boards etc. made of 2mm thick aluminium sheet with black support of M.S. Sq. pipe 47x47 with definition plate of size 600x175mm made of 2mm thick aluminium sheet with back support 47x47 M.S. Sq. pipe front side to have retro reflective high intensity grade sheeting and back side painted with grey epoxy paint sign. made as per IRC-67-2001 provided with 3.50 mtr. long one by post made of M.S. angle 65x65x6mm properly painted with high quality synthetic enamel paint in alternate color black and white as per clause No.800 of MORT&H specifications including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 900x600mm size	2.00	Nos		Each		
	(ii) 900 x 900 x900mm size	8.00	Nos		Each		
	(iii) 600 x 600mm size	5.00	Nos		Each		

3	Delineators are ideally for dangerous curves, central verges, island etc. High quality round reflector fixed on both sides make it highly visible in poor light condition. They can be installed horizontally as well as vertically. Due to specially designed body and reflector fixation method, their reflectivity and durability remain for a long life including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Multipurpose i.e. (i) Parapets 39mmx39mm with 2 feet heights.	128.00	Nos			Each
4	Providing and laying of hot applied thermoplastic compound 2.5mm (two point five millimetre) thick including reflectorizing glass beads @ 250 gms per square metre area thickness of 2.5mm (two point five millimetre) is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	370.00	Rmt			Per Running Metre
5	Providing and fixing of high intensity engineering grade prismatic sheeting on the front side of existing W-metal beam crash barrier size, 300x450mm (three hundred into four hundred fifty millimetre) in yellow and black or green and white colour with arrangement to be fixed on crash barrier for easy visibility at night, at site within all leads and lifts as per directions of the Engineer-in-Charge complete in all respect.	350.00	Rmt			Per Running Metre
						Total


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							Estimated Cost:- 99,995.00	
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Earnest Money :- 2,000.00	
Name of Work :-A/R & M/O to residence Cottage no-20 at Brock Hurst Shimla-9 (SH: Renovation of Toilet, Bath, Kitchen and minor repair work in Cottage no-20 at Brock Hurst Kasumpti Shimla-9).							Time:- 30 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 aggreate) (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 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	13.10	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)	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 milimetre) 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 graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.05	Cum			Per Cubic Metre
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 clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood	0.26	Sqm			Per Square Metre
20	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 aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 250x16mm (two hundred fifty into sixteen millimetre)	2.00	Nos			Each
24	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 200x10mm	2.00	Nos			Each
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.	4.40	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.	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) 10mm 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.	50.00	Sqm			Per Square Metre	
	b) With enamel paint other than white	50.00	Sqm			Per Square Metre	
38	Extra over item 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.	25.00	Sqm.			Per Square Metre	
	b) With enamel paint other than white	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	10.00	Sqm			Per Square Metre	
40	Extra over item No. 45 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	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (One or more coats)	50.00	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.	50.00	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 milimetre)	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 milimetre) with bowl depth 200 mm (two hundred milimetre).	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. i) 32mm dia	1.00	Nos			Each
47	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
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 strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 99,913.00			
Name of Work :-A/R & M/O to various residence qtrs. at Brock Hurst Shimla-9 (SH: Renovation of Toilet, Bath, Kitchen and minor repair work in Type-III set no.75 at Brock Hurst Kasumpti Shimla-9).			Earnest Money :- 2,000.00			
			Time:- 30 Days.			
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate	Unit	Amount
				In figures		
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 millimetre)	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 aggregate) (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	13.10	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 graded stone aggregate 20 mm (twenty millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	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 clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)40mm thick 2nd class deodar wood	0.26	Sqm			Per Square Metre
20	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 millimetre)	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 (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.30	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 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
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
40	Extra over item No. 45 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	10.00	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)	5.00	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.	50.00	Sqm		Per Square Metre
43	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3 (Cement: 3 sand) 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 ISI marked IS No. 2556 or equivalent wash basin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Flat back :- (i) 550 X 400 mm (five hundred fifty into four hundred 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 milimetre) with bowl depth 200 mm (two hundred milimetre).	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. i) 32mm dia	1.00	Nos			Each	
47	Providing & fixing 32 mm (thirty two milimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
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 strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet	1.00	No			Each	
						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:- 99,000.00			
Name of Work :- A/R & M/O various road under Kasumpti Sub Division No.VIII (SH: Hiring of JCB for removal of snow).			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	Hiring of excavator-cum-loader for removal of snow,debris and dressing of berms including coat of fuel oil, lubricants, wages of operational staffs any repair package during operation will be carried out at his risk and cost including carriage of machinery from one place to another at required location. Actual working will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all leads and lift and lift work shall be executed as per the direction of Engineer-in-Charge.	99.00	Hour		Per Hour	
						Total

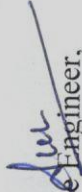
1. All the P.O.L. Charges shall be borne by the contractor.

2. All the repair /maintenance of machineries shall be borne by the contractor.

3. For any minor /Major repair or any accident /damaged shall be the whole responsibility of contractor.

4. Any damages or loss to Govt./Private property during course of work shall have to be make good by the contractor.

DNIT approved for Rs. 99,000/- Only (Rupees Ninety nine thousand only) vide DNIT Register Sr.No..... the financial year 2021-22.


 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:-97,222.00	
Name of Work :- A/R & M/O Type-I to VI Qtrs. at Mehli Shimla (SH: P/F tiles work in Kitchen bath, W.C. and Lobby in set No.20 Type-III at Mehli Kasumpti Shimla).						Earnest Money :- 2,000.00	
Description of Work / Item (S)						Time:- 30 Days.	
Sr. No		No. of Qty.	Estimated Rate		Unit	Amount	
			In figures	In words			
1	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	1.49	Cum		Per Cubic Metre		
2	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty millimetre)	23.09	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 :1:2:4 (one cement : two coarse sand) : four graded stone aggregate 20 mm (twenty millimetre)nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.49	Cum		Per Cubic Metre		
4	White glazed tiles 6 mm thick in skirting risers of steps and dado 12 mm thick cement mortar 1:3 (1 cement :3 sand) and jointed with cement slurry including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.08	Sqm		Per Square Metre		
5	Providing and laying spartic ceramic tiles 5.5mm.thick in flooring (300 x300mm size) treads of steps laid on a bed of 12mm. thick cement mortar 1:3(1cement: 3 sand) finished with flush pointing in white cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	13.14	Sqm		Per Square Metre		
6	Marble work gang saw cut (polished and machine cut) of thickness 18 mm for wall lining (vencer work), backing filled with a grout of average 12 mm thick in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with an admixture of pigment to match the marble shade (To be secured to the backing by means of cramps, which shall be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble. Area of slab upto all floor 0.50 sqm	3.44	Sqm		Per Square Metre		

7	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	17.00	Rmt			Per Running Metre
8	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 (cement : 1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Angle Indian Universal closet	1.00	No			Each
9	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. (a) Solid type. (froasted 4mm thick. (i) White plastic seat and cover.	1.00	No			Each
10	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	1.00	No			Each
11	Providing and fixing C.P. Brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia.	2.00	Nos			Each
12	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each
13	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
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) 750mm x 20mm	1.00	No			Each
15	Providing and fixing akyarlic rubber glass complete 3nos sets including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
16	Providing and fixing 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.	3.00	Nos			Each

17	Providing and fixing C.P. Brass bib tap with Capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia.	5.00	Nos			Each
18	Providing and fixing C.P Brass stop cocks including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (1) 15 mm dia (Fifteen millimetre)	6.00	Nos			Each
19	Providing and fixing Muxer for kitchen sink with casted swinging spout at top including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
20	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 300/450mm length:- i) 15mm nominal bore.	6.00	Nos			Each
21	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) 110mm x 75mm	3.00	Nos			Each
22	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mmx75mm	10.00	Rmt			Per Running Metre
23	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. 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
24	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia.	4.00	Nos			Each
25	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110mm dia	4.00	Nos			Each
26	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)470x420 mm bowl depth 178mm.	1.00	No			Each

27	Providing and fixing PTMT jet spray of approved quality and colour with 1.5 mtr. Tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. SIEKO OR EQUIVALENT.	1.00	No		Each	
					Total	

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

[Signature]

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 3,09,130.00	
Name of Work :- Improvement and widening of road in Chotta Shimla Kasumpti road near Sr. Secondry School Kasumpti.(SH: C/Q Retaining Wall)				Earnest Money :- 6,200.00	
Description of Work / Item (S)				Time:- 30 Days.	
Sr. No		No. of Qty.	Estimated Rate	Unit	
				In figures	In words
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	24.00	Cum		Per Cubic Metre
2	Providing and laying concrete Mechanically mixed and vibrated P.C.C. nominal mix 1:6:12 (One cement isto six sand isto twelve graded stone aggregate (40mm) forty millimetre nominal size) for plain /reinforced concrete in open foundation and plinths or similar works complete as per drawings and technical specifications MORD clause 802,803,1202 & 1203 and curing complete including the cost of form work and hauling of materials including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00	Cum		Per Cubic Metre

3	Centering and shuttering including strutting, propping etc. and removal of form work for (i) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	30.00	Sqm			Per Square Metre	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm (twenty millimetre) nominal size)	36.00	Cum			Per Cubic Metre	
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Mild steel and Medium Tensile steel bars	271.35	Kg.			Per Kilo-gram.	
						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:- 99,775.00	
Name of Work :- A/R & M/O various residential Qtrs. Type-I to VI at Mehli Kasumpti, Shimla-9 (SH: Providing and laying chequered tile in path, gate and fencing in type-IV set No.13 to 21 at Mehli Kasumpti Shimla-9).					Earnest Money :- 2,000.00	
					Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	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.	24.00	Sqm		Per Square Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size)	1.20	Cum		Per Cubic Metre	
3	Providing and laying prepolished chequered tiles 22mm thick without marble chips of size upto 6mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) (i) Red/grey shade.	24.00	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 the directions of the Engineer-in-Charge. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar work.	430.50	Kgs.		Per Kilogram	
					Total	


 Executive Engineer,
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SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:-99468.00	
NAME OF WORK: C/O road Rajhana to Bird Colony KM 0/00 to 1/00(SH:-Providing Cement Concrete Pavement between Rd 0/750 to 0/785).					Earnest Money :- 2,000.00	
					Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing 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).	14.44	Cum		Per Cubic Metre	
					Total	


 Executive Engineer,
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SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 54,100.	
Name of Work :- Construction of Link road from Village to Kadheri to Village Bharech Km 0/00 to 1/350 (SH :-Preparation of submission of FCA case Km0/00 to 1/350).					Earnest Money :-1100.00	
					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 MKL File, Digital Map With Co-Ordinates, TOPO Sheet and ASP File hard copy and soft copy as per Direction of Engineer-in- Charge.	1.30	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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 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 Ambulance road from Ghushdhar to Shakin Km. 0/00 to 0/500 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).			Earnest Money :- 1,300.00			
			Time:- 30 Days.			
Sr.N o.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
			4	5		
1	2	3			6	7
1	Preperaton of Forest case Proposed road in Mashobra sub division under the Mashobra sub 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	0.00
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	0.00
					Total	7.00

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

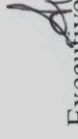
SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					Estimated Cost:- 97,682.00	
Name of Work :-Improvement Black Spot on Shimla Māndi road Km.6/00 to 22/00 (SH: Providing and fixing Refeective Tap to road side on WBM Railing RD.12/223 to 12/336)					Earnest Money :- 2,000.00	
					Time:- One month	
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing of High Intensity Engineering Grade prismatic Sheeting on the front side of existing "W" metal beam crash Barrier size 300x450mm (Three hundred into four hundred fifty Milimetres) in required shade/ colour complete with in all leads and lifts transporation as per directions of the Engineer-in-Charge.	114.92	Rmt		Per Running 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:- 96,722.00		
Name of Work :- Improvement Black Spot on Shimla Māndi road Km.6/00 to 22/00 (SH: Providing and fixing Refeective Tap to road side on WBM Railing RD. 10/900 to 11/300,11/620 to 11/690 & 12/200 to 12/223)				Earnest Money :- 2,000.00		
				Time:- One month		
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing of High Intensity Engineering Grade prismatic Sheeting on the front side of existing "W" metal beam crash Barrier size 300x450mm (Three hundred into four hundred fifty Milimetres) in required shade/ colour complete with in all leads and lifts transporation as per directions of the Engineer-in-Charge.	113.79	Rmt		Per Running Metre	
					Total	


 Executive Engineer,
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