

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 17048-48 Dated:- 24/11/21

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind

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

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

Executive Engineer,
Shimla Division No-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:- | 30-11-2021 upto 4:00 PM |
| 2. Dated of Issue /sale of tender forms:- | 01-12-2021 upto 4:00 PM |
| 3. Date of receipt of tender:- | 02-12-2021 up to 10:30 AM |
| 4. Date of opening of tender:- | 02-12-2021 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	A/R & M/O to various residential Building at Brock Hurst Shimla (SH:- Providing and laying Interlocking paver Blocks 40mm thick in the compound of Cottage No.1,2,3& 4 at below pine Brock Hurst Shimla).	248400/-	5000/-	350/-	60 days	Class-D
2	A/R & M/O various Residential Buildings at Brock Hurst (SH:- C/O Parking in House no.2, first floor at Brock Hurst	319505/-	6400/-	350/-	30 days	Class-D
3	Repair & maintenance of Mashobra to Bhakhelty road km. 0/00 to 18/360 (SH:- Providing and Laying G-III in km. 8/00 to 10/00).	422838/-	8500/-	350/-	30 days	Class-D
4	A/R & M/O to Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Hiring of JCB for removal of slips in between km. 12/375 to 22/375).	99000/-	2000/-	350/-	30 days	Class-D
5	Repair and Maintenance of road under Shimla Division No-1 (SH:- Removal of slips between Rd. 19/610 to 19/645 & 22/720 to 22/885 on Shoghi Mehli Junga sadhupul road).	274384/-	5500/-	350/-	15 days	Class-D
6	A/R & M/O to various type-III and Type-IV GAD Qtrs at parimahal Kasumpti Shimla-9 (SH:- Exterior and roof painting in Type-III old block 58 to 67 white washing/Distemping in GAD Qtrs on due /vacation under parimahal section).	109652/-	2200/-	350/-	30 days	Class-D
7	Construction of Bhatta Kuffer to Chackrail road km. 0/00 to 2/00 (SH:- Erecting of WBM Crash Barrier & Retaining wall at RD. 0/280 to 0/291).	488638/-	10000/-	350/-	60 days	Class-D
8	A/R & M/O Type-I t VI Qtrs at Mehli Shimla (SH:- P/F Cup board set No.20 Type-III at Mehli Kasumpti Shimla).	99145/-	2000/-	350/-	30 days	Class-D
9	A/R & M/O various residential Qtrs type-I to type-VI at Kasumpti Shimla-9 (SH:- Repair of kitchen in type-I set no.6 at Kasumpti Shimla).	99360/-	2000/-	350/-	30 days	Class-D
10	A/R & M/O various residential Qtrs type-I to VI at Mehli Kasumpti Shimla-9 (SH:- Providing and Fixing aluminum window in type-VI set no.17 at Mehli Kasumpti Shimla-9).	99648/-	2000/-	350/-	30 days	Class-D
11	A/R& M/O various Type-III & type-VI GAD Qtrs at parimahal Kasumpti Shimla (SH:- P/F PVC flooring in type-III set nO.11 under Parimahal section).	46938/-	1000/-	350/-	30 days	Class-D
12	A/R & M/O various residential Qtrs Type-I to VI at Kasumpti Shimla-9 (SH:- Providing and laying PVC flooring in Type-V set no.9 at Kasumpti Shimla-9).	99140/-	2000/-	350/-	30 days	Class-D
13	M/T to Mehli Gussan road km. 0/00 to 5/420 (SH:- Providing and laying Kharanja Soling Between km. 0/00 to 1/00, Repair of pot holes and Maintenance of Earthen Shoulder Maintenance of Drain Cuvert Trimming of Grass and White washing of parapets between Rd. 18/00 to 20/00).	460529/-	9200/-	350/-	30 days	Class-D
14	R/R Damages on Old Kasumpti Junga road Laying by sewerage line km. 0/00 to 11/200 (SH:- Curve cutting and C/O B/wall at Rd. 0/990 to 1/010).	446747/-	8900/-	350/-	30 days	Class-D
15	A/R & M/O HPPWD Rest House Junga (SH:- Supplying and fixing curtains of various sizes).	98600/-	2000/-	350/-	15 days	Class-D
16	Improvement & widening of Mashobra to Bhakhelty road km. 0/00 to 18/360 (SH:- Providing and laying G-III in km. 10/00 to 14/00).	396622/-	8000/-	350/-	30 days	Class-D
17	Construction of 15 mtr span T-beam Bridge From Tipra to jagroti road km. 0/00 to 6/00 at Rd. 2/270 (SH:- Preparation of detailed design,. Drawing and estimate).	99000/-	2000/-	350/-	30 days	Class-D
18	Improvement & widening on mashbora to Bhakhality road km. 0/00 to 18/360 (SH:- C/O R/wall between km. 4/660 to 4/668).	400696/-	8100/-	350/-	30 days	Class-D
19	A/R & M/O various residential qtrs type-I to VI at Kasumpti Shimla-9 (SH:- Repair of kitchen in type-I set no.15 at Kasumpti Shimla).	99704/-	2000/-	350/-	60 days	Class-D
20	A/R & M/O to cottage No. 6 & 7 at Brock Hurst Shimla -2 (SH:- Providing and fixing Sanitary fixers cottage No. 6 & 7 and minor repair work in cottage No.6 at Brock Hurst Shimla-2).	395925/-	8000/-	350/-	60 days	Class-D
21	M/T and maintenance of road in Shimla Town (SH:- Providing and laying valley side Edge line, Center line and Zebra crossing line in km. 146/300 to 152/00).	497250/-	10000/-	350/-	30 days	Class-D
22	M/T and Maintenance of roads in Shimla Town (SH:- Painting on steel railing between RD. 150/120 to 151/930).	94141/-	1900/-	350/-	60 days	Class-D

23	M/T and maintenance of roads in Shimla Town (SH;- Trimming of grass, clearing of drain and white washing on MRR via Chotta Shimla).	433883/-	8700/-	350/-	30 days	Class-D
24	A/R & M/O MRR via Lakkar Bazar km. 147/825 to 153/075 Under Shimla sub Division No.1 (SH;- Hiring of JCB for removal of slips).	99000/-	2000/-	350/-	30 days	Class-D
25	M/T and maintenance of roads in Shimla Town (SH;- Trimming of grass, clearing of drain and white washing on KSC /MRR via Chotta Shimla at Rd. 149/100 to 156/640).	433883/-	8700/-	350/-	30 days	Class-D
26	S/R to type-VI set No.7 Kasumpti Shimla-9 (SH;- Providing and fixing of UPVC window in Type-VI set nO.7 F.F. at Kasumpti Shimla-9).	455315/-	9200/-	350/-	30 days	Class-D
27	Special repair to Glass House No.18 Type-VI Mehli Kasumpti -9 (SH;- C/O Glass House No.18 type-VI Mehli Kasumpti Shimla-9).	193149/-	3900/-	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 :- 24/11/21

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 Distt. Shimla.
7. All the Assistant Engineers under this Division, HPPWD Shimla-3.
8. Superintendent / HDM /DAO.
9. Notice Board.

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

ESTIMATED COST: Rs.2,48,400/-only
 EARNST MONEY :Rs.5,000/-only.
 TIME ALLOWED : Two Months.

SCHEDULE OF QUANTITIES

NAME OF WORK: - A/R & M/O to Vrious Residential Buildings at Brock Hurst Shimla (SH: Providing and Laying Interlocking Paver Blocks 40 mm thick in the compound of Cottage No. 1,2,3 & 4 at below Pine , Brock Hurst Shimla)

Sr. No	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1		3	4	5	6	7
1	Providing and fixing cement concrete 1:3:6(1cement:3sand6graded stone agg.20 mm nominal size) and curing complete excluding cost of form work in foundation and plinth in breast and retaining walls etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00			Per Cubic Metre	
2	Providing and laying heavy duty Precast cement concrete inter locking paver blocks vibro compacted upto M-50 grade including border or kurb block grey or coloured over sub-base of concrete with 25mm thick average thickness of cement mortar 1:4(1cement:4sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing & polishing complete (Sub base concrete floor to be paid for Separately) a) 40mm thick inter locking blocks	120.00			Per Square Metres	
Total						

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

SCHEDULE OF QUANTITIES

ESTIMATED COST: Rs. 3,19,505/-only
EARNEST MONEY :Rs. 6,400/-only.
TIME ALLOWED : Two month

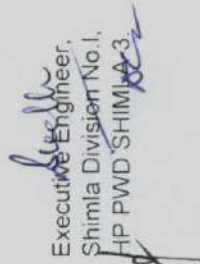
NAME OF WORK: A/R & M/O to Various Residential Buildings at Brock Hurst Shimla (SH:C/O Parking in House No-2 , first Floor at Brock Hurst)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2 Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) In beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like. b) In Hollow Section	3 5.500	4	5	6 Per Quin-tal.	7
		5.50			Per Quin-tal.	
	c) Chequered Plates	12.50			Per Quin-tal.	
2	Providing Prepainted sheet roofing 0.63 mm thick fixed with G.I. or J. and L hooks,bolts and nuts 8mm.dia metre with bitumen and G.I. limpet washers filled with white lead complete excluding cost of purlins, rafters and trusses including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i)0.63 mm thick sheet	60.00			Per Square Metre	
					Total	


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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:-4,22,838 .00				
Name of Work :- Repair & Maintenance of Mashobra to Bhakhelty road Km 0/00 to 18/360 (SH:-			Earnest Money :-8,500.00				
Providing and Laying G-III in Km 8/000 to 10/000).			Time:- 30 Days.				
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
			Figs	Words			
1	2	3	4	5	6	7	
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading -3 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (By Mechanical Means)	180.00	Cum		Per Cubic Metre		
					Total		


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

SCHEDULE OF QUANTATITY

ESTIMATED COST:- 99000.00
EARNEST MONEY:- 2,000.00
TIME:- One Month

Name of work:- A/R & M/O to Mehli Junga Sadhupull road Km. 12/375 to 48/925
(SH: Hiring of JCB for removal of slips in between Km. 12/375 to 22/375)

Sr. No.	Description of item	Quantity	Rate figures	Rate in words	in Unit	Amount
1	2	3	4	5	6	7
1	Hiring of excavator cum loader for removal of snow/ debris and dressing of berms with minimum capacity 45 cum per hour, minimum six hours per day including pay of operator, P.O.L charges, maintenance of any minor or major accidents and other damages to private and Govt. property occur during working hour is the whole responsibility of contractor. the work shall be executed as per the direcation of Engineer-in-charge	99.00			Per Hour	
TOTAL						


Executive Engineer
Shimla Division No-1
H.P 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:- 2.74.384 .00			
Name of Work :- Repair and maintenance of road under shimla Division No.1 (SH: Removal of Slips between Rd 19/610 to 19/645 & 22/720 to 22/885 on Shoghi Mehli Junga Sadhupul road).			Earnest Money :- 5500.00			
			Time:- 15 Days.			
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
			Figs	Words		
Sr.No.	Description	Qty.			Unit	Amount
1	2	3	4	5	6	7
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material within all leads and lifts as per technical specification 302.3.5 and 1611 as per directions of the Engineer-in-Charge.	1886.58	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 to various Type-III and Type-IV GAD Qtrs. at Parimahal Kasumpti Shimla-9 (SH: Exterior and roof painting in Type-III old block 58 to 67, white washing/ distemper in GAD Qtrs. on due /vacation under Parimahal section)						
Estimated Cost:-1,09,652.00						
Earnest Money :- 2,200.00						
Time:- 30 Days.						
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Distemping(one coat) with oil bound washable distemper of approved brand and manufacture and of required shade, on decorated wall surfaces to give an even shade, after thoroughly brushing the surface lean of all grease, dirt, loose pieces of scales and also including preparing the surface even and sand papered smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	346.30	Sqm		Per Square Metre	
2	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalised on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	420.71	Sqm		Per Square Metre	
3	Removing white wash or colour wash by steel wire brushing and/or scrapping sand papering and preparing 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.	383.50	Sqm		Per Square Metre	
4	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.	191.75	Sqm		Per Square Metre	
5	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With enamel paint other than white	352.07	Sqm		Per Square Metre	
	(b) With white enamel paint.	103.42	Sqm		Per Square Metre	
6	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With Enamel paint other than white	130.79	Sqm		Per Square Metre	

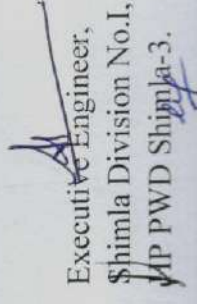
(b) With white enamel paint.	78.72	Sqm		Per Square Metre	
				Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.			Estimated Cost:- 4,88,638.00			
Name of Work :- Construction of Bhatta Kuffer to Chackrail road Km.0/00 to 2/00 (SH: P/F Erecting of WBM Crash Barrier & Retaining Wall at RD. 0/280 to 0/291)(Under Black Spot)			Earnest Money :- 10,000.00			
			Time:- 60 Days.			
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (Thirty centimetre) in depth, 1.5 m (One point five metre) in width as well as 10 sqm (ten Square Metre) on plan) 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	14.52	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.	17.38	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).	7.45	Cum		Per Cubic Metre
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:4:8 (one Cement : four coarse sand) : eight graded stone aggregate 20 mm(twenty millimetre) nominal size)	80.30	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.	11.55	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.	44.00	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/square 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.	5.50	Rmt		Per Running Metre
					Total


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

SCHEDULE OF QUANTITY

Estimated Cost:-99,145.00

Earnest Money :- 2,000.00

Time:- 30 Days.

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

Name of Work :- A/R & M/O Type-I to VI Qtrs. at Mehli Shimla (SH: P/F Cup board set No.20 Type-III at Mehli Kasumpti Shimla).

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate In words	Unit	Amount
			In figures			
1	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.68	Sqm		Per Square Metre	
2	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.24	Sqm		Per Square Metre	
3	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.24	Sqm		Per Square Metre	
4	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6mm thick	15.84	Sqm		Per Square Metre	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen millimetre into six millimetre) section including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood.	99.16	Rmt		Per Running Metre	
6	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 100mm	17.00	Nos		Each	
7	Providing and fixing bright finished brass ball catcher 10 mm dia including carriage of materials in all leads and lifts as per directions of the Engineer-in-	20.00	Nos		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:- 99,360.00

Name of Work :- A/R & M/O various residential Qtrs. type-I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen in type-I set No.6 at Kasumpti Shimla).

Estimated Rate

Time:- 60 Days.

Estimated Rate

Unit

Estimated Rate

Amount

In figures

In words

No. of Qty.

6.30

Sqm

Per Square Metre

0.63

Cum

Per Cubic Metre

0.18

Cum

Per Cubic Metre

0.06

Cum

Per Cubic Metre

7.20

Sqm

Per Square Metre

1.00

No

Each

14.40

Sqm

Per Square Metre

3.10

Cum

Per Cubic Metre

Description of Work / Item (S)

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)

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).

3 Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of un-serviceable material within 50 (fifty)metres lead as per direction of Engineer - in- charge.

4 Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of un-serviceable material within 50(fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.

5 Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of un-serviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.

6 Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of un-serviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.

7 Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50(Fifty) metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.

8 Disposal of building rubbish / malba / similar un-serviceable, 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.

9	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS 12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.44	Sqm			Per Square Metre	
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve 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	17.48	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.	6.30	Sqm			Per Square Metre	
12	Providing and fixing 18mm thick gang saw cut mirror polished pre-moulded and prepolished machine cut for kitchen platforms, udipur green marble area of slab over 0.5 Sqm. including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.80	Sqm			Per Square Metre	
13	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 610 x 460 mm with bowl depth 200 mm.	1.00	No			Each	
14	Providing and fixing Sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.00	No			Each	
15	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 15mm (fifteen millimetre) nominal bore.	5.00	Rmt			Per Running Metre	
16	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge (1) Shelves (Cast in situ)	1.80	Sqm			Per Square Metre	
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel	30.00	Kg.			Per Kilo-gram	

18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty millimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.80	Cum		Per Cubic Metre	
19	Providing and fixing square edges cover fillets (beading) 40mmx12mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	15.00	Rmt		Per Running Metre	
20	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.	1.215	Sqm		Per Square Metre	
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. 40mm thick 2nd class deodar wood	1.215	Sqm		Per Square Metre	
22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	50.00	Sqm		Per Square Metre	
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm		Per Square Metre	
24	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.92	Sqm		Per Square Metre	
25	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	3.60	Sqm		Per Square Metre	
26	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.	2.88	Sqm		Per Square Metre	

27	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos		Each	
28	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood	45.00	Rmt		Per Running Metre	
29	Providing and fixing 1.00mm thick coloured or plain lamination sheet (summica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.76	Sqm		Per Square Metre	
30	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm		Per Square Metre	
	b) With enamel paint other than white	15.00	Sqm		Per Square Metre	
31	Extra over item No.30 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.	15.00	Sqm.		Per Square Metre	
	b) With enamel paint other than white	7.00	Sqm.		Per Square Metre	
					Total	

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

SCHEDULE OF QUANTITY

Estimated Cost:- 99,648.00

Earnest Money :- 2,000.00

Time:- One Month

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

Name of Work :- A/R & M/O Various residential Qtrs type-1 to VI at Mehli Kasumpti Shimla -9 (SH:- Providing and Fixing aluminium window in type -VI set No.17 at Mehli Kasumpti Shimla-9).

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
		174.00	Kgs.		Per Kilogram	
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) (i) powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	3.30	Sqm		Per Square Metre	
2	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side, having 12mm air gap, including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. as per specifications, drawings and direction of Engineer-in-charge complete.	8.00	Nos		Each	
3	Providing and fixing aluminium round shape handle of outer dia 100 mm (One hundred millimetre) with SS screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Power coated minimum thickness 50 micron aluminium 100 mm).	8.00	Nos		Each	
4	Providing and fixing aluminium round shape tower bolt with SS screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Power coated minimum thickness 50 micron aluminium 100 mm).	8.00	Nos		Each	
5	Providing and fixing aluminium round shape eye and hook with SS screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Power coated minimum thickness 50 micron aluminium 100 mm).	8.00	Nos		Each	
					Total	

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

DRAFT SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3. Estimated Cost:-46,938.00
 Name of Work :- A/R & M/O various type-III & type-IV GAD Qtrs. at Pari-Mahal, Kasumpti, Shimla (SH: P/F Earnest Money :- 1,000.00
 PVC flooring in type-III set No.11 under parimahahal section) Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	34.80	Sqm			
2	Providing and fixing 1.5mm thick pvc antistatic vinyl flooring plain or coloured, carbed or mosaic/ metallised finish laid with approved adhesive on sub floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG	34.80	Sqm			

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 No 569 for 21-22

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

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							Estimated Cost:-99,140.00	
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 various residential Qtrs. Type-I to VI at Kasumpti, Shimla-9(SH: Providing and laying PVC flooring in type-V set No.9 at Kasumpti Shimla-9).							Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount		
			Estimated In figures	In words				
1	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 6mm thick.	60.69	Sqm		Per Square Metre			
2	Providing and fixing 1.50mm(One point five zero millimetre) thick PVC antistatic vinyl Flooring plain or coloured,carbed or mosaic/metalled finish laid with approved adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.MAKE LG	60.69	Sqm		Per Square Metre			
					Total			

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 460529 .00	
Name of Work :- M/T to Mehli Gussan Road Km 0/00 to 5/420 (SH):- Providing and Laying Kharanja Soling Between Km 0/00 to 1/00,Repair of Pot holes and Maintenance of Earthen Shoulder, Maintenance of Drain ,Culvert ,Trimming of Grass and White Washing of Parapets Between RD .18/00 to 20/00).							Earnest Money :- 9200.00	
							Time:- 30 Days.	
Sr.No.	Description	Qty.	Figs	Rates in		Unit	Amount	
					Words			
1	2	3	4	5	6	7		
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	129.00	Cum		Per Cubic Metre			
2	Stone soling properly hand packed filling interstices with kharanja stone and consolidating with power road roller to the requested gradient and camber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP PWD specification 100mm spread thickness (finished work including materials and labour) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	129.00	Cum		Per Cubic Metre			
3	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.	682.00	Sqm		Per Square Metre			
4	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregularities on shoulders to the design level by adding fresh approved slected soil and compacting it with appropriate equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	2200.00	Sqm		Per Sqm Metre			
5	Maintenabce of drain including erosion ,repair ,cleaning ,reshaping ,regarding ,deepening of side drain as well as per Technical specification Clause 1907 including carriage of material with in all leads and lifts as per the direction of Engineere -in Charge.	1800.00	Rmt		Per Running Metre			
6	Maintenance of Hume pipe Culvert by way of Cleaning , Erosion repiar to Cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials withing all leads and lift as per the direction of Engineer -in -Charge.	7.00	Nos		Each			
7	Trimming of Grass from the shoulders/Berms and disssposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	1500.00	Sqm		Per Sqm Metre			

8	White washing Two Coats on Parapets walla and tree trunks including preparation of Surface by cleaning scraping etc. As per technical specification Clause 115 including carriage of materials with all leads and lifts as per the direction of Engineer -in Charge.	340.20	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-1, H.P.P.W.D., SHIMLA-3.						
Name of Work :- R. R. D on Old Kasumpti Junga road Laying by sewerage line Km 0/00 to 11/200 (SH:- Curve Cutting and C/O B/Wall at Rd 0/990 to 1/010).						
Estimated Cost:- 446747.00						
Earnest Money :- 8,900.00						
Time:- 30 Days.						
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuselul material and transportation of the unuselul 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 usefull material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for 34.16 Cum @ 170/- (One hundred seventy) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private propriety during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	205.00	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 usefull 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	72.20	Cum		Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: six sand:Twelve graded stone agg.40mm (forty millimetre) nominal size).	7.40	Cum		Per Cubic Metre	

4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty millimetre) nominal size).	61.20	Cum			Per Cubic Metre
5	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slop of 1:20 to wards the face complete as per drawing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.00	Rmt			Per Running Metre
						Total


 Executive Engineer,
 Shimla Division No.1,

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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 HPPWD Rest House Junga (SH: Supplying and Fixing curtains of Various Sizes).

Estimated Cost: 98,600.00
 Earnest Money :- 2,000.00

Time:- 15 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing and fixing curtains of approved quality and colour Size 2.41 x 2.60 mtr including sewing, fixing rings and fixing in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00 Nos	1960.00			
2	Providing and fixing curtains of approved quality and colour Size 2.20x2.40 including sewing, fixing rings and fixing in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.00 Nos	1800.00			
					Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-3,96,622 .00	
Name of Work :- Improvement & widening of Mashobra to Bhakhelty road Km 0/00 to 18/360 (SH:- Providing and Laying G-III in Km 10/000 to 14/000).						Earnest Money :-8,000.00	
Time:- 30 Days.							
Sr.N o.	Description	Qty.	Rates in		Unit	Amount	
			Figs	Words			
1	2	3	4	5	6	7	
1	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading -3 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (By Manal Means)	168.84	Cum		Per Cubic Metre		
					Total		

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:-99,000.00	
Name of Work :- Construction of 15mtr. Span T-beam Bridge From Tipra to Jagroti Road Km.0/000 to 6/000 at RD. 2/270 (SH: Preparation of detailed design, drawing and estimate).				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	Preparation of detailed Project report for the work after conduction route Survey of the approved road alignment, collecting the field data from site. Preparation of detail of measurements, estimate, analysis of rates. Cross sections, L-section and plan of road and other drawings of structure such as protection works, cross drainage, dumping site etc. prescribed formats in manuscript shape. After finalization of DPR from higher office, the DPR will be submitted as hard copies in four Bumbers sets and soft copy (DPR to be prepared on PMGSY pattern as per instructions of Govt.) and as per the direction of Engineer-in-Charge complete, for the work.	1.00	Nos	Complete Job.	
					Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.									
Name of Work :-Improvement & widening on Mashobra to Bhakhalty road Km 0/00 to 18/360 (SH:-									
C/O R/wall between Km. 4/660to 4/668).									
Sr.N o.	Description	Qty.	Figs	Rates in		Unit	Amount		
				Words					
1	2	3	4	5	6	7			
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	33.52			Per Cubic Metre				
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.04			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).	5.04			Cum	Per Cubic Metre			
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty millimetre) nominal size).	72.40			Cum	Per Cubic Metre			
5	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	4.80			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.	16.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- A/R & M/O various residential Qtrs. type-I to VI at Kasumpti Shimla-9 (SH: Repair of Kitchen in type-I set No.15 at Kasumpti Shimla).

Estimated Cost:- 99,704.00
 Earnest Money :- 2,000.00
 Time:- 60 Days.

Description of Work / Item (S)

Sr. No	No. of Qty.	Estimated Rate		Unit	Amount
		In figures	In words		
1	6.30	Sqm		Per Square Metre	
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 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)					
2	0.95	Cum		Per Cubic Metre	
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).					
3	0.18	Cum		Per Cubic Metre	
Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of un-serviceable material within 50 (fifty) metres lead as per direction of Engineer - in-charge.					
4	0.06	Cum		Per Cubic Metre	
Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of un-serviceable material within 50 (fifty) metres lead as per direction of Engineer-in-charge. (i) In cement mortar.					
5	7.20	Sqm		Per Square Metre	
Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of un-serviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.					
6	1.00	No		Each	
Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of un-serviceable materials within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.					
7	14.40	Sqm		Per Square Metre	
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.					
8	3.10	Cum		Per Cubic Metre	
Disposal of building rubbish / malba / similar un-serviceable, 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.					

9	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.44	Sqm		Per Square Metre
10	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm (twelve 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	17.48	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.	6.30	Sqm		Per Square Metre
12	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, udipur green marble area of slab over 0.5 Sqm. including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.80	Sqm		Per Square Metre
13	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 610 x 460 mm with bowl depth 200 mm.	1.00	No		Each
14	Providing and fixing Sink mixer arrangement including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.00	No		Each
15	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 15mm (fifteen millimetre) nominal bore.	5.00	Rmt		Per Running Metre
16	Centering and shuttering including strutting, propping etc. and removal of form for : including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Shelves (Cast in situ)	1.80	Sqm		Per Square Metre
17	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	30.00	Kg.		Per Kilo-gram

18	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One part 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.	0.80	Cum		Per Cubic Metre	
19	Providing and fixing square edges cover fillets (beading) 40mmx12mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 1st class Indian teak wood.	15.00	Rmt		Per Running Metre	
20	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 1) 2nd Class Deodar Wood.	1.215	Sqm		Per Square Metre	
21	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enameled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 40mm thick 2nd class deodar wood.	1.215	Sqm		Per Square Metre	
22	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) Ready mixed paint brushing wood primer pink.	50.00	Sqm		Per Square Metre	
23	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) With white enamel paint.	50.00	Sqm		Per Square Metre	
24	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	7.92	Sqm		Per Square Metre	
25	Providing and fixing ply wood lining with butt jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) 6mm thick.	3.60	Sqm		Per Square Metre	
26	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.	2.88	Sqm		Per Square Metre	

27	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Nos			Each
28	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 1st class Indian teak wood.	45.00	Rmt			Per Running Metre
29	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.76	Sqm			Per Square Metre
30	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt, dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	30.00	Sqm			Per Square Metre
	b) With enamel paint other than white	15.00	Sqm			Per Square Metre
31	Extra over item No.30 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.	15.00	Sqm.			Per Square Metre
	b) With enamel paint other than white	7.00	Sqm.			Per Square Metre
						Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 3,95,925.00	
Name of Work :- A/R & M/O to Cottage No.6 & 7 at Brock Hurst Shimla-2 (SH: Providing and fixing Sanitary fixers cottage No. 6 & 7 and minor repair work in cottage No.6 at Brock Hurst Shimla-2).						Earnest Money :- 8,000.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing Pine wood readmade plain framed panelling with necessary screws priming coat on unexposed surface etc. complete with pine wood including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.70	Sqm			Per Square Metre	
2	Providing and fixing Ply wood lining with butt jointing and wood screws or 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) 9 mm thick.	2.70	Sqm			Per Square Metre	
3	Providing and fixing 4mm thick teak ply of standard quality and of approved shade & design wall lining including fixing with approved adhesive butt jointing and nails & screws complete (Brass frame work to be measured & paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.70	Sqm			Per Square Metre	
4	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i)Blow lamp	20.00	Sqm			Per Square Metre	
5	Applying spirit or oil stains (any colour)on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
6	Applying three coat of sealar 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 inncluding a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
7	Providing and fixing plastic bubble water proof sheet for moisture proof complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
8	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	8.00	Nos			Each	

9	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 110 mm dia.	30.00	Rmt			Per Running Metre
	(b) 75mm dia	15.00	Rmt			Per Running Metre
10	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	15.00	Nos			Each
	(b) 75mm dia	10.00	Nos			Each
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)110 mm dia	10.00	Nos			Each
12	Providing and fixing single lever basin mixer without pop-up waste system with 450mm long flexible house DE-21 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each
13	Providing and fixing pillar coack make ESSESS cat. DE-01 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each
14	Providing and fixing Bib cock make ESSESS cat DE-02 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each
15	Providing and fixing wall mixer with provision for overhead shower with 140mm long bend pipe & wall flange make ESSESS cat No.DE-10N including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each
16	Providing and fixing 15mm mixer for kitchen sink mixer Make ESSESS cat No.DE-12 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each
17	Providing and fixing angular stop cock 15mm without wall flange make ESSESS cat No.DE-04 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00	Nos			Each
18	Providing and fixing Health faucet with pipe and hoke make ESSESS cat No.C-232Y Pura lite HF including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos			Each
19	Providing and fixing Chromium plated brass soap dish with C.P. brass brackets fixed to wooden plug with C.P. brass screws make cera cat No. AC703 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each
20	Providing and fixing C.P. Brass towel ring complete fixed to wooden plugs with C.P. brass screws make ESSESS cat No.AC-702	12.00	Nos			Each

21	Providing and fixing C.P. Brass towell rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws make ESSESS cat No. AC-701 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each	
22	Providing and fixing 25mm diameter Power coated curtain rods with brackets and golden plugs etc. where ever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	40.00	Nos			Each	
23	Providing and fixing plastic seat (Solid / Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.1 SOLID TYPE (A) White plastic seat and cover. CERA MAKE DELUX.	6.00	Nos			Each	
24	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 (CONVENTIONAL CERA)	6.00	Nos			Each	
25	Providing and fixing PVC Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. <u>Hindware</u>	6.00	No			Each	
26	Providing and fixing C.P. grating for Floor Trap or Nahani Trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm(one hundred millimetre) dia	24.00	Nos			Each	
27	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) One piece OPC Flora single piece WC 2205 with it seat cover and all accessories including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge, <u>Hindware</u>	1.00	No			Each	
28	Providing and fixing PVC connection pipes with brass union complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 45cms long (i) 15mm nominal bore	25.00	Nos			Each	
29	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin Cleo and Pedestal Lotus set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
30	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin Delta and Pedestal Lotus set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

31	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin corner set star white including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
32	Providing and fixing Over head shower with arm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.OH-107A	4.00	Nos			Each
33	Providing and fixing angle cock 15mm without wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.Make ESSESS cat No.PR-112B.	35.00	Nos			Each
34	Providing and fixing PVC panelling with necessary screws priming coat on unexposed surface etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	42.00	Nos			Each
35	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.	8.00	Nos			Each
36	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each
37	Providing and fixing wash basin with full pedestal constellation Model cat No. Wash Basin Neo set & opel pedestal starwhite including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each
38	Providing and fixing stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)610 x 510 mm with bowl depth 200 mm	1.00	No			Each
39	Providing and fixing 32mm dia, PVC waste pipe for wash basin or sink including check nut complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.00	Nos			Each
						Total

Exm. ...
 Shimla Division No. 1
 PWD ... 12-3
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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:- 4,97,250.00			
Name of Work :-M/T and maintenance of road in Shimla Town (SH: Providing and laying Valley side Edge Line, Centring Line and Zebra Crossing line in KM. 146/300 to 152/00).			Earnest Money :- 10,000.00			
			Time:- 30 Days.			
Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			Estimated In figures	In words		
1	Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @ 250 gms per Sqm. Area thickness 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free streaks and holes as per MORD specification including carriage of all labour, equipment and material to various location through all modes of transportation in all leads, lifts and all incidental charges.	1275.00	Sqm		Per Square Metre	
						Total

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



DRAFT SCHEDULE OF QUANTITY					
J A DIVISION No-I, H.P.P.W.D., SHIMLA-3.					
Estimated Cost:-94,141.00					
Earnest Money :- 1,900.00					
Time:- 60 Days.					
Amount					
Unit					
Date					
SCHEDULE OF QUANTITY					
J Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.					
:- M/T and Maintenance of roads in Shimla Town (SH: Painting on steel railing between					
151/930)					
No. of Work / Item (S)		No. of Qty.	Estimated Rate		Estimated
			In figures	In words	
e coat (excluding priming coat) on previously painted steel and other metal		783.20	Sqm		
th enamel paint brushing to give an even shade including cleaning the surface					
ust and other foreign matter including carriage of materials in all leads and					
directions of the Engineer-in-Charge. (i)With Enamel paint other than white.					

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

DRAFT SCHEDULE OF QUANTITY

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

Estimated Cost:- 4,33,883.00

Name of Work :- M/T and maintenance of roads in Shimla Town (SH :- Trimming of grass, clearing of drain and White washing on MRR via Chotta Shimla).

Earnest Money :- 8700.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Unit	Estimated Rate		Unit	Amount
				In figure	In words		
1	Maintenance of Earthen shoulder (filling with fresh selected soil) Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per technical specification Clause 1903 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10000.00	Sqm			Per Square Metre	
2	The maintenance of drains include erosion, repair, clearing, reshaping, regarding, deepening of side drains as well as catch water drains as per technical specification Clause 1907 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5000.00	Rmt			Per Running Metre	
3	Trimming of grass and weeds from the shoulders/ berms and disposing off the same to suitable locations as per technical specifications Clause 1914 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7500.00	Sqm			Per Square Metre	
4	White washing two coats on parapets walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3195.00	Sqm			Per Square Metre	
						Total	

Executive Engineer,

Shimla Division No.I,

HP PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:-99,000.00	
Name of Work :-A/R & M/O M.R.R. via Lakkar Bazar SKm.147/825 to 153/075 under Shimla Sub-Division				Earnest Money :- 2,000.00	
No.1 (SH: Hiring of JCB for removal of slips)				Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Amount
			In figures	In words	
1	Hiring of JCB excavator-cum-loader with Minimum Capacity of 45.00 Cum Per Hour, Minimum Six Hours Per Day for removal of Slips Debris and dressing of berms including coat of fuel oil lubricants wages of operational staff 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 hours will be accounted for payment and proper disposal slips debris by the contractor will be insured and including all lead and lift work shall be executed as per the direction of the Engineer-in-Charge.	110.00	Hour	Per Hour	
Total					

CONDITION:

1. All the P.O.L. Charges shall be born 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.


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

DRAFT SCHEDULE OF QUANTITY

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

Estimated Cost:- 4,33,883.00

Earnest Money :-	8700.00
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Time:- 30 Days.

Name of Work :- M/T and maintenance of roads in Shimla Town (SH :- Trimming of grass, clearing of drain and White washing on KSC/MRR via Chotta Shimla at RDs 149/100 to 156/640).

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

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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:- 4,55,315.00	
Name of Work :- S/R to type-VI set No.7 Kasumpti, Shimla-9 (SH: Providing and fixing of UPVC window in Type-VI set No.7 F.F. at Kasumpti Shimla-9).				Earnest Money :- 9,200.00	
Sr. Description of Work / Item (S)				Time:- One Month	
No	No. of Qty.	Estimated Rate		Unit	Amount
		In figures	In words		
1	5.00	Nos		Each	
Taking out doors, windows and clerestory shutters (steel or wood) including stacking within 20metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Not exceeding 3 Sqm in area.					
2	5.00	Nos		Each	
Dismantling doors, windows and clerestory windows, ventilators etc. (wood or steel) shutters including chowkhats, architraves, hold fasts and other attachments etc. complete and stacking them within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a) Not exceeding 3 Sqm. In area.					
3	14.40	Sqm		Per Square Metre	
15mm cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm (eighty milimetre) in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Cement mortar 1:4 (one cement:four sand).					
4	11.21	Sqm		Per Square Metre	
Providing and fixing 3 track SF60 DUO unplasticized polyvinyl chloride fixed window spectrum SW(ZENDOW 70mm) casement window fully glazed side and top fix of plain glass thickness 5 MMT + 10MMAG+5MMT DGU TOUGH white espagne white bottom fix with froasted glass of same pattern and slider portion provided with SS mesh including carriage of materials within all leads and lifts casement Slider window.					
5	11.54	Sqm		Per Square Metre	
Providing and fixing 3 track SF60 DUO unplasticized polyvinyl chloride fixed window spectrum SW(ZENDOW 70mm) casement window fully glazed side and top fix of plain glass thickness 5 MMT + 10MMAG+5MMT DGU TOUGH white espagne white bottom fix and both side slider portion with SS mesh including carriage of materials within all leads and lifts casement Slider window.					
6	100.00	Sqm		Per Square Metre	
Providing scaffolding for providing ceiling in building with 40mm dia metre G.I. pipe complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) MS pipe 40mm (forty milimetre)dia (Medium)					
				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:- 1,93,149.00	
Name of Work :- Special repair to Glass House No.18 type-VI Mehli Kasumpti-9 (SH: C/O Glass house					Earnest Money :- 3,900.00	
No.18 Type-VI Mehli Kasumpti Shimla-9).					Time:- One Month	
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	1.30	Cum	Per Cubic Metre		
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 (one cement : two coarse sand) : four graded stone aggregate 20 mm (twenty millimetre) nominal size)	1.30	Cum		Per Cubic Metre	
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Electric resistance or induction butt welded tubes	35.00	Kgs		Per Kilo-gram.	

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4	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	127.65	Kgs.			Per Kilo-gram.
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	14.68	Sqm			Per Square Metre
6	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 250x16 mm	1.00	No			Each
7	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 250x10 mm	2.00	Nos			Each
8	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	4.00	Nos			Each
9	Providing and fixing pine wood lining with necessary screws/nuts & bolts/ nails, including carriage ,lead and lift complete as per direction of Engineer-in- charge (Frame work shall be paid for separately).	19.80	Sqm			Per Square Metre
10	Providing and fixing HDF decorative laminated coir board Graman floor AC-4 32.8mm thick placed on cushion of 2mm thick expanded polythene foam 100 micron thick polythene under layer including boarder of required shade and colour complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	19.80	Sqm			Per Square Metre

11	Providing and fixing poly carbonated transparent sheet 2mm thick in roofing with galvanized J or L hooks bolts and nuts with G.I. limpet and bitumen rubber washer complete with all accessories as required as per direction of Engineer-in-Charge.	6.50	Sqm		Per Square Metre	
12	Providing and fixing 0.60mm(zero point six zero milimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns rimer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge.	6.50	Sqm		Per Square Metre	
					Total	


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