

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22-

KH-12

Dated:-

25/4/22

To


The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind


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

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


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

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .


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

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

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

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

05-05-2022 upto 4:00 PM
06-05-2022 upto 4:00 PM
06-05-2022 up to 10:30 AM
07-05-2022 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	C/O road from Nariga Bridge to Jagher road kmm. 0/00 to 1/660 (SH:- P/L Tarring in km. 1/480 to 1/660).	325116/-	6500/-	350/-	30 days	Class-D
2	A/R & M/O to type-I to VI at Mehli Kasumpti Shimla (SH:- Painting and Distempering interior side due and vacant set type-VI set No. 11 & 12A at Mehli Kasumpti Shimla).	102489/-	2100/-	350/-	30 days	Class-D
3	Improvement & Widening on Old Kasumpti Junga road km. 0/00 to 11/200 (SH:- C/O Retaining wall at Rd. 7/600 to 7/603.40).	91802/-	1900/-	350/-	30 days	Class-D
4	Improvement & widening on Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O Breast wall at Rd. 20/410 to 20/421).	253905/-	5100/-	350/-	30 days	Class-D
5	A/R & M/O to type-I to VI at Kasumpti Shimla-9 (SH:- Painting and Distempering in set No.29 type-IV & PVC in type IV set nO.24 at Kasumpti Shimla-9).	99946/-	2000/-	350/-	30 days	Class-D
6	M/T on Mehli Gussan road km. 0/00 to 5/420 (SH:- C/O Retaining wall at RD. 0/765 to 0/785).	390906/-	7900/-	350/-	30 days	Class-D
7	A/R & M/O to various residence quarter at Brock Hurst Shimla -9 (SH:- Covering of Boundary with road side railing in House No.3 at Brock Hurst Kasumpti Shimla-9).	189952/-	3800/-	350/-	60 days	Class-D
8	Improvement of curve in Challanda piran road km. 0/00 to 28/020 (SH:- Widening of curve between RD. 14/660 to 14/705).	470459/-	9500/-	350/-	30 days	Class-D
9	C/O way side amenities on Khalini Vihar road km. 0/00 to 2/250 (SH:- C/O Rain Shelter Jhalnghi Bus Stop at Rd. 2/250).	260694/-	5300/-	350/-	60 days	Class-D
10	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH:- Providing and fixing Marble Shelf in kitchen servant Qtrs No.16 to 30 at Brock Hurst Shimla-2).	99546/-	2000/-	350/-	60 days	Class-D
11	A/R & M/O to type-I to VI at Mehli Kasumpti Shimla (SH:- Painting and distempering due and vacant set Type-I,II,III and IV at Mehli Kasumpti Shimla).	90205/-	1900/-	350/-	30 days	Class-D
12	Improvement of Dubloo Lakhoti road km. 0/00 to 5/760 (SH:- Improvement of widening curves between Rd. 5/397 to 5/416).	301043/-	6100/-	350/-	30 days	Class-D
13	Improvement and widening of Chotta Shimla to Panthghatti road km. (SH:- Widening of Chotta Shimla to Panthaghti road at Rd. 0/710 to 0/731).	83353/-	1700/-	350/-	30 days	Class-D
14	A/R & M/O to various residential Qtrs at Kasumpti Shimla-9 (SH:- PVC flooring work in Type-IV set nO.29 at Kasumpti Shimla-9).	94350/-	1900/-	350/-	30 days	Class-D
15	Improvement and Widening on Baldeyan to Dharampur road km. 0/00 to 10/00 (SH:- C/O R/wall at Rd. 1/264.10 to 1/268.20).	89451/-	1800/-	350/-	30 days	Class-D
16	Improvement /Widening Nariga Piran road km. 0/00 to 3/200 (SH:- C/O R/wall at Rd. 3/100 to 3/108).	408161/-	8200/-	350/-	30 days	Class-D
17	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- Providing and laying kharanja stone soling, at RD. 12/375 to 17/00).	98940/-	2000/-	350/-	30 days	Class-D
18	A/R & M/O to various residence quarter under sub Division No-VIII Shimla-9 (SH:- Repair of damaged C.G.I. roof cottage No.4 and minor repair work in various sets at Brock Hurst Shimla-2).	170076/-	3500/-	350/-	30 days	Class-D
19	Improvement of old Kasumpti Jung road km. 0/00 to 11/200 (SH:- Maintenance of earthen shoulder, maintenance of drain , culvert, Trimming of Grass and white washing of parapets between RD. 0/00 to 1/00).	73779/-	1500/-	350/-	30 days	Class-D
20	A/R & M/O to Type-I to VI qtr at Mehli Kasumpti Shimla-9 (SH:- P/F cup board in kitchen and Room (Type-I and II) set no.6,8,12 Servant Qtrs set No.2 at Mehli Kasumpti Shimla).	94898/-	1900/-	350/-	60 days	Class-D
21	A/R & M/O to Front court yard to Transit accommodation at Mehli Kasumpti Shimla (SH:- Providing and fixing Chequered tiles in Front court yard of Transit accommodation Ground floor Mehli).	176275/-	3550/-	350/-	60 days	Class-D
22	Widening/Improvement of MRR via Chotta Shimla km. 149/00 to 156/640 (SH:- C/O Protection wall on damaged for improvement at RD. 150/145 to 150/150).	421319/-	8500/-	350/-	60 days	Class-D

23	A/R & M/O to Cottage No. 6 at Brock Hurst Shimla-2 (SH:- Providing and fixing cup board water storage tank, kitchen accessories and minor repair work in cottage No.6 at Brock Hurst Shimla-2).	401952/-	8100/-	350/-	60 days	Class-D
24	A/R & M/O to type-I to IV qtrs at Mehli Kasumpti Shimla (SH:- P/F non woven carpeting (unitex) and PVC flooring set No.17 and 19 type=VI at mehli Kasumpti Shimla-9)	123571/-	2500/-	350/-	30 days	Class-D
25	A/R & M/O to type-VI set No.18 at Mehli Shimla-9 (SH:- C/O Glass house with steel structure and paneling ceiling type-VI set No.18 at Mehli Kasumpti Shimla-9).	499197/-	10000/-	350/-	30 days	Class-D
26	Construction of Rajhana to Bird colony road km. 0/00 to 1/00 (SH:- C/O Drain, R/wall and edge wall).	436998/-	8800/-	350/-	30 days	Class-D
27	Construction of Bharari to Bhont road km. 0/00 to 4/00 (SH:- C/O V-shape drain at Rd. 1/150 to 1/600).	346530/-	3000/-	350/-	60 days	Class-D
28	Improvement of Shoghi Mehli Junga Sadhupul road km. 12/375 to 48/925 (SH:- C/O R/wall at RD. 18/200 to 18/208).	419232/-	8400/-	350/-	30 days	Class-D
29	Construction of Ambulance road Ghillu to Shakrogra km. 0/00 to 2/400 (SH:- C/O Pavement in Km. 0/472 to /499)(Balance work).	142732/-	2900/-	350/-	30 days	Class-D
30	Improvement and widening of road on Baldeyan to Dharmpur road km. 0/00 to 10/00 (SH:- C/O R/wall between Rd. 7/005 to 7/009.5).	340144/-	6900/-	350/-	30 days	Class-D
31	Preparation of proposal for widening of KSC road km. 147/300 to 147/600 (SH:- Preparation of proposal to be submitted to Railways including Gad of flyover from 147/300 to 147/600 near vidhan Sabha (Under Smart city).	95000/-	2000/-	350/-	30 days	Class-D
32	Construction of 15.00 mtr span T. Beam bridge from Tipra to Jagroti road km. 0/00 to 6/00 at 2/270 (SH:- Proof checking of detailed design and structure drawing of minro bridge from the competent authority).	150000/-	3000/-	350/-	30 days	Class-D
33	A/R & M/O various type-I to VI Qtrs of Health Department t white washing distempering etc in type-I set no.8 at Health Department under Parimahahal section).	73912/-	1500/-	350/-	30 days	Class-D
34	A/R & M/O to various roads under Junga sub Division (SH:- Repari of pot holes in various roads in various Rds under Chhalanda section).	488580/-	9800/-	350/-	15 days	Class-D
35	Improvement & widening of MRR road via Lakkar Bazar km. 147/825 to 153/075 (SHJ:- P/L G-II,G-III in various RDs in extended portion).	499573/-	10000/-	350/-	30 days	Class-D
36	Improvement & widening of MRR road via Lakkar Bazar km. 147/825 to 153/075 (SHJ:- P/L G-II,G-III in various RDs in extended portion).	499997/-	10000/-	350/-	30 days	Class-D

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

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

No.PW-SD-I/CB-Tender/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-3.

Dated :- 25-04-2022.

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- C/O Road from Nariga Bridge to Jagher road Km 0/00 to 1/660 (SH:- P/L Tarring in Km 1/480 to 1/660).

Estimated Cost:- 325116.00

Earnest Money :- 6,500.00

Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	720	Sqm			Per Square Metre	
2	Providing and applying tack coat with paving Bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.25 to 0.30Kg. per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503. including carriage of materials in all leads and lifts as per directions of the Engineer-	720	Sqm			Per Square Metre	
3	Providing and laying 30mm (thirty milimetre) thick bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	21.6	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-4, H.P.P.W.D. SHIMLA-3

Estimated Cost: 1,02,489/-

Name of Work :- A/R & M/O to Type-I to VI at Mehli Kasumpti Shimla (SH. Painting and Distemping interior side due and vacant set Type-VI set No.11 & 12A at Mehli Kasumpti Shimla).

Earliest Month: 2, 100 VC

Time: 30 Days

Sr No	Description of Work / Item (S)	No of Qty	Estimate (Rate)	Estimate (Total)	Estimate (Unit)
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	532.43	Sqm		Per Sq. Mtr
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	532.43	Sqm		Per Sq. Mtr
3	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (1) One or more coats on old work	955.00	Sqm		Per Sq. Mtr
4	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 (4) With white enamel paint	580.00	Sqm		Per Sq. Mtr
					Total


Executive Engineer
Shimla Division No-4
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:-** 91,802.00
Name of Work :- Improvement & Widening on Old Kasumpti Junga Road Km 0/00 to 11/200.(SH:- **Earnest Money :-** 1,900.00
C/O Retaining Wall at RD 7/600to 7/603.40). **Time:-** 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion hailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his on cost in all cases, including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	12.90	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (a) Cement Mortar 1:5:10(One cement: five sand: Ten graded stone agg.40mm (forty milimetre) nominal size).	2.11	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 1:4:8(One cement: Four sand: Eight graded stone agg.20mm (twenty milimetre) nominal size).	16.00	Cum			Per Cubic Metre	

4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	3.1	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.	12.10	Rmt			Per Running Metre
						Total


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,53,905.00	
Name of Work :- Improvement & Widening on Shoghi Mehli Junga Sadhupul road km 12/375 to 48/925.(SH:- C/O Breast Wall at RD 20/410to 20/421).						Earnest Money :-5,100.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	49.72	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty millimetre) nominal size).	4.62	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 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty millimetre) nominal size).	46.51	Cum			Per Cubic Metre	
4	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slope 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,
 H.P.W.D Shimla-3

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:-99,946.00	
Name of Work :- A/R & M/O to Type-I to VI at Kasumpti Shimla-9 (SH: Painting and Distempering in set No.29 Type-IV & PVC in Type-IV set No.24 at Kasumpti Shimla-9).						Earnest Money :- 2,000.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	50.00	Sqm			Per Square Metre	
3	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	400.00	Sqm			Per Square Metre	
4	Painting one coat (excluding priming coat) on previously painted wood and wood based surfaces with enamel paint to given 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.	250.00	Sqm			Per Square Metre	
5	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 or equivalent	69.00	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-1, H.P.P.W.D., SHIMLA-3. **Estimated Cost:-** 390906.00
Name of Work :- M/T on Mehli Gussan road Km 0/00 to 5/420 (SH:- C/O Retaining Wall at RD 0/765 to 0/785). **Earnest Money :-** 7,900.00
Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully 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.	47.60	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803.1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand: Ten graded stone agg.40mm (forty millimetre) nominal size).	5.60	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 1:4:8(One cement:Four sand:Eight graded stone agg. 20mm (twenty millimetre) nominal size).	63.00	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	20.4	Cum			Per Cubic Metre	
5	Providing weep holes in Breast wall/Retaining wall on stone masonry with 100mm & P.V.C. pipe with slope 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.	41.00	Rmt			Per Running 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:- 1,89,952.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Kasumpti Shimla-9 (SH: Covering of Boundary with road side railing in House No.3 at Brock Hurst Kasumpti Shimla-9)							Earnest Money :- 3,800.00	
							Time:- 60 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate In figures	Estimated Rate In words	Unit	Amount	
1	Steel work welded in built up sections/framed work, including cutting hoisting fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. In Railings , brackets, cast iron decorative and similar works.	695.40	Kgs.			Per Kilogram		
2	Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign matters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With Enamel paint other than white.	50.00	Sqm			Per Square Metre		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.(i)1:3:6 (One cement : three coarse sand): six graded stone aggregate 20 mm(twenty milimetre) nominal Size)	3.29	Cum			Per Cubic Metre		
4	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 lift 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 directions of the Engineer-in-Charge.	1.94	Cum			Per Cubic Metre		

5	Providing and fixing poly carbonated transparent sheet 1.20mm thick in lining 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.	51.00	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:- 470459.00	
Name of Work :- Improvement of Curve in Challanda Piran road KM 0/00 to 28/020. (SH:- Widening of						Earnest Money :- 9,500.00	
Curve between Rd.14/660 to 14/705).						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 the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for 309.90 Cum @ 300/-(Three hundred) 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.	1430.40	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION- No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 2,60,694.00	
Name of Work :- Construction of way side amenities on Khalini Vihar road Km.0/00 to 2/250 (SH: C/O						Earnest Money :- 5,300.00	
Rain Shelter at Jhinhri Bus Stop at RD. 2/250).						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	7.20	Cum			Per Cubic Metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:4:8 (one Cement : four coarse sand) : <u>eight graded stone aggregate 40 mm(forty milimetre) nominal size</u>)	4.60	Cum			Per Cubic Metre	
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:3:6 (1 cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size)	9.44	Cum			Per Cubic Metre	
4	Centering and shuttering including strutting, propping etc. and removal of form for including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)Foundations, footings, bases of columns, etc. for mass concrete	15.60	Sqm			Per Square Metre	
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, upto all leads including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	4.00	Cum			Per Cubic Metre	


6	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 40 mm thick with 20 mm nominal size stone aggregate.	12.00	Sqm			Per Square Metre	
7	Structural steel work in single section, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1479.20	Kgs			Per Kilo-gram	
8	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge. (i)In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required. all complete	348.54	Kg.			Per Kilo-gram	
9	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.00	Sqm			Per Square Metre	
10	Providing valleys of 90 cm wide overall in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1.60mm thick with zinc coating not less than 350 gm/m ²	4.00	Rmt			Per Running Metre	
11	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 0.63 mm thick with zinc coating not less than 275 gm/m ²	4.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 99,546.00	
Name of Work :- A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Providing and fixing Marble Shelf in Kitchen Servant Qtr. No.16 to 30 at Brock Hurst Shimla-2).							Earnest Money :- 2,000.00	
							Time:- 60 Days.	
Sr No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount	
				In figures	In words			
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	1.44	Sqm			Per Square Metre		
2	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	0.04	Cum			Per Cubic Metre		
3	Providing and laying marble work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement:3sand) including jointing with cement mortar 1:2(1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick white green marble including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.10	Sqm			Per Square Metre		
4	Extra for marble work of nosing/corner strength over plain marble work including returned moulded ends and angles to mouldings including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	15.00	Rmt			Per Running Metre		
5	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen milimetre) nominal bore.	18.00	Rmt			Per Running Metre		
6	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)	10.80	Sqm			Per Square Metre		
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) Mild steel and Medium Tensile steel bars	21.60	Kg.			Per Kilo-gram		

8	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.	0.22	Cum			Per Cubic Metre	
9	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS : 12894, in super structure above plinth and upto floor V level. (i) Cement mortar 1 : 4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	13.50	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:-90,205.00	
Name of Work :- A/R & M/O to Type-I to VI at Mehli Kasumpti Shimla (SH: Painting and Distemping due and vacant set Type-I,II,III and IV at Mehli Kasumpti Shimla).						Earnest Money :- 1,900.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	532.43	Sqm			Per Square Metre	
2	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	532.43	Sqm			Per Square Metre	
3	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Old work (one or more coats)	1216.30	Sqm			Per Square Metre	
4	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.	325.11	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

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

Estimated Cost:- 301043.00

Name of Work :- Improvement of Dubloo Lahkoti road Km 0/00 to 5/760. (SH :- Improvement of

Earnest Money :- 6,100.00

Widening curves between RD 5/397 to 5/416

Time:- 30 Days.


Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recover of stones, wheather use full or not, for 108.15 Cum @ 300/- (Three hundred only) per Cubic metre shall be effected on pro rata bases in all circumstances. Any loss to the public and private property 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.	649.08	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:- 83,353.00	
Name of Work :- Improvement and widening of Chotta Shimla to Panthghati road (SH: Widening of Chotta Shimla to Panthaghati road at RD. 0/710 to 0/731).						Earnest Money :- 1,700.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (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	37.38	Cum			Per Cubic Metre	
2	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)Foundations, footings, bases of columns, etc. for mass concrete.	18.90	Sqm			Per Square Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:5:10 (One cement : five coarse sand) : ten graded stone aggregate 40 mm(forty milimetre) nominal size)	1.26	Cum			Per Cubic Metre	
	(ii) 1:2:4 (One cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	7.56	Cum			Per Cubic Metre	
4	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm(One hundred milimetre) dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	40.00	Rmt			Per Running Metre	


5	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	37.80	Cum			Per Cubic Metre	
						Total	


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



SCHEDULE OF QUANTITY


Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 94,350.00	
Name of Work :- A/R & M/O to various residential Qtrs. at Kasumpti Shimla-9 (SH: PVC flooring work in Type-IV set No.29 at Kasumpti Shimla-9).						Earnest Money :- 1,900.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Providing and fixing 1.5mm thick PVC antistatic vinyl Flooring plain or coloured, carbed or mosaic/metalled finish laid with approved adhesive on sub-floor (damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. MAKE LG.	69.00	Sqm			Per Square Metre	
2	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 9mm thick.	48.00	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:- 89,451.00		
Name of Work :- R/R damages on Baldeyan to Dharampur road km.0/000 to 10/000 (SH: C/O R/Wall between Km. 1/264.10 to 1/268.20).					Earnest Money :- 1,800.00		
					Time:- 30 Days.		
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.25	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.64	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	1.64	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	17.18	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.	0.574	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.	8.00	Rmt			Per Running Metre	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.				Estimated Cost:- 4,08,161.00	
Name of Work :- Improvement /Widening Nariga Piran road Km 0/00 to 3/200 (SH: C/O R/Wall at Rd 3/100 to 3/108).				Earnest Money :- 8,200.00	
				Time:- 30 Days.	

Sr.No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling/wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shorting and strutting and pumping and bailing out water (surface and sub soil water) upto all depth and any quantum of water including cleaning of slush which may arise out during dewatering including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	48.40	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	4.24	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 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	76.00	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	14.88	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.	63.00	Rmt			Per Runing Metre	
						Total	

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

SCHEDULE OF QUANTITY

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

Estimated Cost:- .98940.00

Name of Work :- Improvement of Shoghi Mehli Junga Sadhupul Road at RD 12/375 to 48/925(SH:-

Earnest Money :- 2,000.00

Providing and laying Kharanja Stone Soling , at Rd .12/375 to 17/00

Time:- 30 Days.

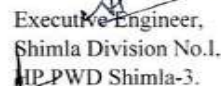
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	48.00	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.	48.00	Cum			Per Cubic Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,70,076.00	
Name of Work :- A/R & M/O to various residence quarter under Sub-Division No.VIII Shimla-9 (SH: Repair of damaged C.G.I. roof Cottage No.4 and minor repair work in various sets at Brock Hurst Shimla-2)						Earnest Money :- 3,500.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)G.I. Sheet roofing	94.25	Sqm			Per Square Metre	
2	Providing corrugated G.I. sheet roofing vertical /curved surface fixed with polymer coated J ro L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filed with white lead, including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (Upto any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63mm thick sheet.	94.25	Sqm			Per Square Metre	
3	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, framed guards bars ladders, railing, brackets and similar work.	30.00	Kg.			Per Kilo-gram.	
4	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign maters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm.			Per Square Metre	
5	Scaffolding in building side wall including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	165	Sqm.			Per Square Metre	
6	Providing ridges or hips 60 cm over all in plain G.I.sheet with galvanised iron J or L hooks, bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63 mm thick sheet	1.80	Rmt			Per Running Metre	
7	Providing valleys 90 cm over all in plain G.I. sheets fixed with galvanised iron J or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63 mm thick sheet	1.20	Rmt			Per Running Metre	

8	Providing flushing 38cm. overall in plain G.I. sheet fixed with galvanised iron J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)0.63mm thick sheet.	0.80	Rmt			Per Running Metre	
9	Providing and fixing M.S. BP Sheet 1.66mm to 2mm (One point sixty six milimetre to two milimetre) thick in eaves board /facia /soffits /ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete (Base members of steel work shall be measured & paid separtely) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge .	1.82	Sqm.			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITY

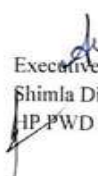
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.
Name of Work :- Improvement of Old Kasumpti Junga road Km 0/00 to 11/200 (SH:- Maintenance of Earthen Shoulder, Maintenance of Drain ,Culvert ,Trimming of Grass and White Washing of Parapets Between RD .0/00 to 1/00).

Estimated Cost:- 73779 .00

Earnest Money :- 1500.00

Time:- 30 Days.

Sr.N o.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Maintenance of Earthen Shoulder (Filling with fres selected soil) Making un loose Material / irregullarties on shoulders to the desion level by adding fresh approved slected slected soil and compacting it with appropoose equipment at OMC up to a lead of 1000 metre as per technical specification Clause 1603.	1800.00	Sqm		Per Sqm Metre	
2	Trimming of Grass from the shoulders/Berms and dissposing of the same to suitable location as per the technical specification Clause 1914 including carriage of materials with in all leads and lifts as per the direction of Engineer -in Charge.	1200.00	Sqm		Per Sqm Metre	
3	Maintenabce of drain including erosion ,reoar ,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.	1000.00	Rmt		Per Running Metre	
4	Maintenance of Hume pipe Culvert by way of Cleaning , Erosion repiar to Cracks parapets wall and protection work as per drawing and technical specification Clause 1908 including carriage of materials withing all leads and lift as per the direction of Engineer -in -Charge.	2.00	Nos		Each	
5	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.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:- 94,898.00	
Name of Work :- A/R & M/O to Type-I to VI quarters at Mehli Kasumpti Shimla-9 (SH: P/F Cup boards in Kitchen and Room (Type-I and II) set No.6,8,12 Servant Quarters set No.2 at Mehli Kasumpti Shimla).						Earnest Money :- 1,900.00	
						Time:- Two months	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated	Rate	Unit	Amount
				In figures	In words		
1	Providing and fixing 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-	29.68	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.	11.99	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.	11.99	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	14.76	Sqm			Per Square Metre	
5	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen milimetre into six milimetre) 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.	52.50	Rmt			Per Running Metre	
6	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.	26.00	Nos			Each	
7	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	26.00	Nos			Each	
8	Applying priming coat including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	86.11	Nos			Each	

74	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Two or more coats on new work.	86.11	Sqm				Per Square Metre	
							Total	

Executive Engineer,
Shimla Division No.1,
HP PWD Shimla-5.

SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs.1,76,275/-

EARNEST MONEY :Rs.3,550/-

TIME ALLOWED : Two months

NAME OF WORK: A/R & M/O to Fron Court Yard of Tranasit Accommodation at Mehli Kasumpti Shimla (SH: Providing and fixing Chequered Tiles inFront.Court Yard of Tranasit accommodation Ground Floor Mehli))

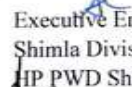
Sr. No.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Providing and laying cement concrete 1:4:8(1cement:4sand:8graded stone agg.40mm nominal size) and curing complete excluding cost of form work in foundation and plinth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	10.50	Cum			Per Cubic Metre	
2	Demolishing of cement concrete manually/by mechanical means including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Nominal mix 1:3:6 or richer mix including equivalent design mix.	3.500	Cum			Per Cubic Metre	
3	Providing and laying 22mm thick checkerd tiles in floor /reach by step and landing on a bed of 25mm average thickness of cement mortar 1:6 (1cement:6sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) Grey/ red.	82.00	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:- 4,21,319.00		
Name of Work :- Widening /Improvement of MRR via Chotta Shimla Km.149/00 to 156/640 (SH: C/O					Earnest Money :- 8,500.00		
Protection wall on damaged portion for improvement at RD. 150/145 to 150/150)					Time:- 60 Days.		
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Excavation in earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site (To be arranged by the contractor) on his own cost as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All useful material such as stones, shingles aggregate and slates shall be properly stacked at site to the maximum possible extent in all leads and lifts through all modes of transportation as per the directions of the Engineer-in-Charge. The recovery of stones, wheather use full or not, for 17.85Cum (Seventeen point eight five cubic metre)@ 550/-(Five hundred fifty) 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.	9.75	Cum			Per Cubic Metre	
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre)on plan) in all kinds of soil. including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	26.00	Cum			Per Cubic Metre	

3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)1:3:6 (One Cement : three coarse sand) : six graded stone aggregate 20 mm (twenty millimetre) nominal size).	47.78	Cum			Per Cubic Metre	
4	Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clauses 702, 704, 1202 and 1204 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) In cement mortar 1:5 (One cement : five sand)	35.70	Cum			Per Cubic Metre	
5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm (five centimetre to twenty centimetre), in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-Charge.	6.00	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.	10.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4,01,952.00	
Name of Work :- A/R & M/O to Cottage No.6 at Brock Hurst Shimla-2 (SH: Providing and fixing cup board , water storage tank, Kitchen accessories and minor repair work in cottage No.6 at Brock Hurst Shimla-2).						Earnest Money :- 8,100.00	
						Time:- 60 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	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.	1.80	Sqm			Per Square Metre	
2	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4 (1 Cement:4 Sand).	36.00	Sqm			Per Square Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 1:5:10 (one cement : five fine sand : ten graded stone aggregate 40 mm (forty milimetre) nominal size)	1.02	Cum			Per Cubic Metre	
4	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	2.25	Cum			Per Cubic Metre	
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (seven point five) in superstructure above plinth level up to floor V level in all shapes and sizes in. (i) Cement mortar 1:4 (One cement : four coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.71	Cum			Per Cubic Metre	

6	Refixing on terrace (at all floor levels) polyethylene water storage tank IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	4000.00	litres			Per liter	
7	Providing and laying in trenches, galvanized mild steel tubes (medium grade), tube fittings (earth work in trenches to be measured and paid separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15 millimeters nominal bore	5.00	Rmt			Per Running Metre	
8	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15 mm (fifteen milimetre)	6.00	Nos			Each	
9	Providing and fixing brass full way valve with wheel including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15 mm (Fifteen milimetre) nominal bore	2.00	Nos			Each	
10	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts by all means & other incidentals..(a) 110 (one hundred ten milimetre) mm dia	2.00	No			Each	
11	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 110 mm (One hundred ten milimetre)Dia.	2.00	Nos.			Each	
12	Providing and fixing square edges cover fillets (Corner) 35mmx15mm 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) Pine wood.	22.76	Rmt			Per Running Metre	
13	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each	
14	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 100mm	38.00	Nos			Each	
15	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.	33.60	Sqm			Per Square Metre	
16	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.	4.68	Sqm			Per Square Metre	

17	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.	13.12	Sqm			Per Square Metre	
18	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	36.00	Nos			Each	
19	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 1st class Indian teak wood	172.00	Rmt			Per Running Metre	
20	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.	62.40	Sqm			Per Square Metre	
21	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Ready mixed paint brushing wood primer pink.	20.00	Sqm			Per Square Metre	
22	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	20.00	Sqm			Per Square Metre	
23	Providing and fixing plain square edged cover fillets (beading) 40mmx12mm (forty millimetre into twelve millimetre) section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 1st class Indian teak wood.	52.00	Rmt			Per Running Metre	
24	Providing and fixing non wooven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm thickness and 900 grams weight per square meter laid on floor with approved adhassive complete in all respect including carriage of materials with in all leads and lifts complete in all respect as per the direction of the Engineer-in-charge.	7.41	Sqm.			Per Square Metre	
25	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125mm	30.00	Nos			Each	

26	Providing and fixing anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 250x16mm	2.00	Nos			Each	
27	Providing and fixing aluminium tower bolts (berrel type) anodized trans parent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200x10mm	35.00	Nos			Each	
28	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.	34.00	Rmt			Per Running Metre	
29	Providing and fixing Modular kitchen accessoriies with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15x20x4" Cutlury	1.00	No			Each	
	(ii) 15x20x8" Plain	3.00	Nos			Each	
	(iii) 18x20x8" Plate	1.00	No			Each	
30	Providing and fixing 20" Telescopic Runner for modular cupboards complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.00	Pair			Per Pair	
31	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 (Base 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.	7.49	Sqm			Per Square Metre	
32	Providing fixing bright finished brass tower bolts (barrel type) with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)150x10 mm	2.00	Nos			Each	
	(ii)100x10 mm	2.00	Nos			Each	
33	Providing valleys of 90cm wide over all in plain G.S. sheet fixed with polymer coated J, or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.90	Rmt			Per Running Metre	
34	Providing flushing 38cm. overall in plain G.I. sheet fixed with galvanised iron. J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.50	Rmt			Per Running Metre	
35	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 4mm(Four milimetre) thick	3.80	Sqm			Per Square Metre	
36	Providing and fixing aluminium eyehook anodized transparent or dyed to required shade and colour with screws etc, complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	45.00	Nos			Each	

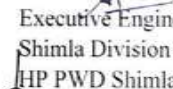
37	Providing and laying granite work (Table rubbed and polished) in flooring 20mm thick base in cement mortar 1:3(1cement:3sand) including jointing with cement mortar 1:2(1 white cement: 2 marble dust) with an admixture of pigment to match the shade of the marble. 20mm thick including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.69	Sqm			Per Square Metre	
38	Providing and fixing G.I. wire mesh 85G or 0.56 dia wire in aluminium window, ventilator shutters etc. with PVC/Neoprens gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge (cost of aluminium snap beading shall be paid in basic item)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.50	Sqm			Per Square Metre	
39	Providing and fixing Byson board sheet lining with butt jointing and wood screws (frame work and cover) fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)9 mm thick	1.44	Sqm			Per Square Metre	
40	Providing and fixing Pine wood readymade 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.	5.00	Sqm.			Per Square Metre	
41	Providing and fixing of wardrobe lock complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.00	Nos			Each	
42	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable materials and disposal of un-serviceable materials within 20 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I)G.I. Sheet roofing.	60.00	Sqm			Per Square Metre	
43	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm (eight milimetre)diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) 0.63 mm(zero point six three milimetre) thick with zinc coating not less than 275 gm/ m ²	60.00	Sqm			Per Square Metre	
44	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)1:2:4 (one Cement : two coarse sand) : four graded stone aggregate 20 mm(twenty milimetre) nominal size)	1.84	Cum			Per Cubic Metre	

45	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (One cement : One point five coarse sand) : three graded stone aggregate 20 mm (twenty milimetre) nominal size) including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	0.24	Cum			Per Cubic Metre	
46	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i)2nd class deodar wood	3.00	Sqm			Per Square Metre	
47	Providing plain G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm (eight milimetre)diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i) 0.50 mm(zero point five zero milimetre) thick with zinc coating not less than 275 gm/ m²	4.05	Sqm			Per Square Metre	
48	Providing and fixing 600mmx450mm (six hundred into four hundred fifty milimetre) bevelled edge mirror of Superior glass (Exolite) mounted on 6mm thick A.C. sheet or Ply wood 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	
49	Constructing masonry Chamber 30x30x50cm inside, in brick work in cement mortar 1:4(1cement:4sand) for stop cock,with C.I. surface box 100x100x75mm(inside) with hinged cover fixed in cement concrete slab 1:2:4mix (1cement:2coarse sand:4 graded stone aggregate 20mm nominal size),i/c necessary excavation,foundation concrete 1:5:10 (1cement:5fine sand:10graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3(1cement:3coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design with common burnt clay F.P.S.(non modular) bricks of class designation 7.5	2.00	No			Each	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,23,571.00	
Name of Work :- A/R & M/O to type-I to IV Qtrs. at Mehli Kasumpti (SH: P/F non wooven carpeting (unitex) and PVC flooring set No.17 and 19 Type-VI at Mehli Kasumpti Shimla-9).						Earnest Money :- 2,500.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated In figures	Rate In words	Unit	Amount
1	Providing and fixing 1.50mm(One point five zero milimetre) 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.	102.91	Sqm			Per Square Metre	
2	Providing and fixing non wooven carpet (Unitex) of superior quality in all shade and colour of approved sample having 3.8mm(three point eight milimetre) thickness and 900 grams weight per square meter laid on floor with approved adhasive complete in all respect including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	37.95	Sqm			Per Square Metre	
						Total	


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

SCHEDULE OF QUANTITIES


ESTIMATED COST:Rs.4,99,197/-only
EARNEST MONEY :Rs.10,000/-only.
TIME ALLOWED : one months

Name of Work :- A/R & M/O to Type-VI set No. 18 at Mehli Shimla-9 (Sh:- C/O Glass house with steel Structure and Panelling ceiling
Type-VI Set No.18 at Mehli Kasumpti Shimla-9)

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works as per the direction of the Engineer-in- Charge including carriage of materils in all leads and lifts.	1335.52	Kg.		Per Kilogra m	
2	Providing and fixing anodized aluminum work for doors windows ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS-755 and IS-1285 anodized transparent or dyed to required shade according to IS-1868(Minimum anodic coating of grade AC 15)fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions at top bottom and sides with required PVC/neoprene felt etc. Aluminum sections shall be smooth rust tee, straight, mitered and jointed mechanically, where even required including shape beading for glazing/paneling, C.P. brass/stainless steel screws all complete as per architectural drawing and the direction of the Engineer-in-Charge.(a) For doors windows & ventilators of glazed partitions frames. as per the direction of the Engineer-in- Charge including carriage of materials in all leads and lifts.	3.51	Kg.		Per Kilogra m	
3	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 8 mm thick clear float glass both side, having 12 mm 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-incharge complete.	18.91	Sqm		Per Square Metre	
4	Providing and fixing 1.00mm thick thermocol sheet in panelling/ flooring with approved adhesive carpet as per direction of Engineer-in-charge.	49.10	Sqm		Per Square Metre	
5	Providing and fixing 18mm thick PVC board for panelling /ceiling with butt jointing and nails complete as per direction of Engineer-in-Charge.	49.10	Sqm		Per Square Metre	

6	Providing and fixing pine wood (Sprush wood) panelling ceiling with necessary screws etc.as per the direction of the Engineer-in- Charge including carriage of materils in all leads and lifts.	49.10	Sqm			Per Square Metre	
7	Providing and fixing commercial ply wood in partition of approved quality with butt jointing and nails (frame work and cover fillets to be paid for separately) (a) 9mm thick.	14.00	Sqm			Per Square Metre	
8	Providing and fixing 25mm diameter curtain rods with brackets, plugs etc. where ever required. (S.S.) as per the direction of the Engineer-in- Charge including carriage of materils in all leads and lifts.	31.00	Rmt			Per running Metre	
9	Providing and fixing final in approve brand & Quality including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.00	Each			Each	
10	Providing and fixing stain less steel bracket with screws etc.including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00	Each			Each	
11	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	49.10	Sqm			Per Square Metre	
12	Applying three coat of sealar filling on new wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.10	Sqm			Per Square Metre	
13	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt,dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	49.10	Sqm			Per Square Metre	
14	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlied on undecorated wall surfaces (two coats) to give an even shade and final finish after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	200.00	Sqm			Per Square Metre	
15	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete . (a)110 mm dia. as per the direction of the Engineer-in- Charge including carriage of materils in all leads and lifts.	18.50	Rmt			Per running metre	
16	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete. as per the direction of the Engineer-in- Charge including carriage of materils in all leads and lifts. i) 110 mm dia.	6.00	Each			Each	


17	Providing and fixing M.S.B.P. sheet in eaves board / ornamental fascia / soffit & ceilings including cutting, welding and applying a coat of red lead primer etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.48	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.					Estimated Cost:- 4,36,998.00		
NAME OF WORK:- A/R & M/O Rajhana to Bird colony road Km. 0/00 to 1/000 (SH: C/O Drain, R/wall & Edge wall)					Earnest Money :- 8,800.00		
					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 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.	43.92	Cum			Per Cubic Metre	
2	Providing and laying cement concrete grade M-10 (Ten) nominal mix 1:3:6 (One cement: three sand: six graded crushed stone aggregate 40mm (forty millimetre) nominal size) mechanically mixed and vibrated in open foundation complete as per drawing and MORD technical specification clause 802, 803, 1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	52.18	Cum			Per Cubic Metre	
3	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.	12.60	Rmt			Per Running Metre	
4	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone agg. 20mm nominal size)	22.05	Sqm			Per Cubic Metre	

5	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204.(1) RCC Grade M-25(1:1.5:3)(One cement: One point five sand:Three graded stone aggregate) (i)Upto 5m height	6.44	Cum				Per Cubic Metre	
							Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 3,46,530.00	
Name of Work :- Construction of Bharari to Bhont road Km.0/00 to 4/00 (SH: C/O V.Shape Drain at RD. 1/150 to 1/600).							Earnest Money :- 3,000.00	
							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 in foundation trenches or drains (not exceeding 1.5 m (One point five metre) in width or 10 sqm (ten Square Metre) on plan) in all kinds of soil, including dressing of sides and ramming of bottoms including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site (dumping sites will be arranged by the contractor on his own cost). Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully compensated by him at his on cost in all cases including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	48.75	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) 1:3:6 (One Cement : three coarse sand) : six graded stone aggregate 20 mm (twenty millimetre) nominal size)	66.62	Cum			Per Cubic Metre		
						Total		

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 419232.00	
Name of Work :- Improvement of Shoghi Mehli Junga Sadhupul road Km 12/375 to 48/925 (SH:- C/O						Earnest Money :- 8,400.00	
R/Wall at at Rd 18/200 to 18/208).						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width , camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be dully compensated by him at his on cost in all cases. including carriage of materials in all leads and lifts as per the directions of the Engineer-in-Charge.	41.28	Cum			Per Cubic Metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:5:10(One cement: five sand:Ten graded stone agg.40mm (forty milimetre) nominal size).	3.84	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 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	76.08	Cum			Per Cubic Metre	
4	Backfilling behind abutment, wing wall and return wall complete as per specification clause 1204.3.8 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Granular material.	15.84	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.	56.00	Rmt			Per Running Metre	
						Total	

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.	Estimated Cost:- 1,42,732.00
Name of Work :- Construction of Ambulance road Ghillu to Shakrogra Km 0/00 to 2/400 .(SH:- C/O	Earnest Money :- 2900.00
C.C Pavement in Km 0/472 to 0/499).(Balance Work)	Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Earth work in excavation for structure in all depths as per drawing and technical specification for rural roads August 2004 clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited) all earth work in cutting/ excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-charge hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage rain and other causes it shall be remove by suitable diversion bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost).Any loss to the public or private property during the course of excavation shall be the sole responsibility of the contractor which shall have to be fully 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.	35.44			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.	14.18			Per Cubic Metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering. All work up to plinth level, including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Cement Mortar 1:5:10 (One cement : five sand: ten graded stone agg. 40mm nominal size).	8.10			Per Cubic Metre	
4	Providing concrete for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) R.C.C grade M25 1:1.5:3 a) (one cement ratio one point five sand ratio three graded stone agg. 20mm nominal size).	10.13			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:- 3,40,144.00		
Name of Work :--Improvement and widening of road on Baldeyan to Dharampur road km.0/000 to10/000 (SH: C/O R/Wall between Km. 7/005 to 7/009.5).					Earnest Money :- 6,900.00		
					Time:- 30 Days.		
Sr.N o.	Description	Qty.		Rates in		Unit	Amount
				Figs	Words		
1	2	3		4	5	6	7
1	Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5m and a lead upto 20m as per drawing and Technical Specification Clause 1603.1 including carriage carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	56.07	Cum			Per Cubic Metre	
2	Earth work in excavation for all type of road structures such as retaining walls, breast walls, culvers, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rocks, hard rocks, chiselling, wedging out of rocks,(where blasting is prohibited) as per drawing and MORD technical specifications Clause 305.1, 1104 and 1606.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and lifts including dressing of sides and bottom and back filling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 150mm (One hundred fifty milimetre) compacted thickness including shoring 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.	3.375	Cum			Per Cubic Metre	
3	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:6:12(One cement: Six sand:Twelve graded stone agg.40mm (forty milimetre) nominal size).	3.375	Cum			Per Cubic Metre	
4	Providing and laying concrete for plain reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 and 1203 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) Cement Mortar 1:4:8(One cement:Four sand:Eight graded stone agg.20mm (twenty milimetre) nominal size).	67.68	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.	0.63	Cum			Per Cubic Metre	

is
it
if


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.	33.00	Rmt			Per Running Metre
						Total

E
i
S

Executive Engineer,
Shimla Division No I,
H.P. PWD SHIMLA


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 95,000.00	
NAME OF WORK: Preparation of proposal for widening of KSC road Km.147/300 to 147/600 (SH: Preparation of proposal to be submitted to Railways including GAD of flyover from 147/300 to 147/600 near Vidhan Sabha (under Shimla Smart City).						Earnest Money :- 2,000.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Consultancy services for preparation of proposal to be submitted to Indian Railways for widening of Kalka Shimla Cart Road from chainage 147/300 to 147/600 near Vidhan Sabha including preparation of GAD of fly over plan, drawings & Preliminary estimate complete in Pantriplicate & checking out the same in Division office as well as in higher office as per the directions of the Engineer-in-Charge.	1.00	Job			Per Job	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 1,50,000.00	
NAME OF WORK: Construction of 15.00 mtr. span T.Beam bridge from Tipra to Jagroti road Km.0/00 to 6/000 at 2/270 (SH: Proof checking of detailed design and sructure drawing of minor bridge from the competent authority)						Earnest Money :- 3,000.00	
						Time:- 30 Days	
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Consultancy services for proof checking of detailed design, structural drawings of 15 metre span RCC T-Beam bridge from competent authority such as IIT, NIT or PEC in all respects and submitting the same to higher office for approval of Plan, Drawing GAD in Pantriplicate from higher office /competent authority as per the directions of the Engineer-in-Charge.	1.00	Job			Per Job	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 73,912.00	
Name of Work :- A/R & M/O various Type-I to Type-VI Qtrs. of Health Department at Parimahal Kasumpti Shimla-9 (SH: Repair work in Toilet, P/F window, white washing/destempering etc. in Type-I set No.8 of Health Department under Parimahal Section). <i>(Dph work)</i>						Earnest Money :- 1,500.00	
						Time:- 30 Days.	
Sr. No	Description of Work / Item (S)	No. of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Demolition below G.L. upto 1.50Metres depth and disposal of unserviceable materials within all lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)un-reinforced cement concrete more than 15 cm. Thickness.	0.35	Cum			Per Cubic Metre	
2	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials with in 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty milimetre)	11.83	Sqm			Per Square Metre	
3	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Foundation and plinth:	0.35	Cum			Per Cubic Metre	
4	Providing and laying cement concrete 1:2:4(1cement:2sand:4graded stone agg.20mm nominal size) and curing complete excluding cost of form work including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Foundation and plinth	0.02	Cum			Per Cubic Metre	
5	Providing and laying spartic ceramic tiles 5.5mm.thick in flooring (300 x300mm. size)treads of steps laid on a bed of 12mm. thick cement mortar 1:3(1cement: 3 sand) finished with flush pointing in white cement including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Nitoco/kajaria/orient	1.17	Sqm			Per Square Metre	
6	White glazed tiles 6 mm thick in skirting risers of steps and dado 12 mm thick cement mortar 1:3 (1 cement :3 sand) and jointed with cement slurry including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Nitoco/kajaria/orient	10.66	Sqm			Per Square Metre	

7	Providing and fixing vitreous China wash down ,water closet (European type W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(cement:sand) (Seat and over to be measured & paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet. Make Bath Sense Cat No.Trend S ECS-21-S	1.00	No			Each	
8	Providing and fixing plastic seat (Solid/ Hollow type) and cover for wash down water closet with C.P. Brass hinges and rubber buffers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. I. Solid type (a) White plastic seat and cover. Make Bath SENSE CAT No. SC-HD-N	1.00	No			Each	
9	Providing and fixing PTMT Coloured / white high density polythelene / poly propylene 10 litres capacity (full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm nominal size PVC ball valve with polythene float,with push button,couplings for connections with inlet, outlet and ovr flow pipe, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.Plastic Cistern MAKE BATH SENSE PT-24-X DUAL FLUSH COLOUR WHITE	1.00	No			Each	
10	Providing and fixing PTMT jet spray of approved quality and colour with 1.5 mtr. tube including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
11	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
12	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	1.00	No			Each	
13	Providing and fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm x 20mm	1.00	No			Each	
14	Providing and fixing 600mm x 450mm bavelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	

16	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (E.S.)MAKE Seiko or Equivalent.	1.00	Nos			Each	
17	Providing and fixing C.P. Brass bib tap with capstan head including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm dia. (E.S.)MAKE Seiko or Equivalent.	1.00	Nos			Each	
18	Providing and fixing P.V.C. connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 300/450mm length(i) 15mm nominal bore.	1.00	Nos			Each	
19	Providing and fixing PVC waste pipe flexible (Coil type) length not less than 800mm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 32mm dia	1.00	Nos			Each	
20	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No			Each	
21	Providing and fixing C.P. brass angle valve 15mm without Nuts and pipe including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos			Each	
22	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm nominal bore.	2.65	Rmt			Per Running Metre	
23	Providing and fixing G.I./M.I Union of following sizes (where not included in the items including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)15mm	1.00	Nos			Each	
24	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i)110mm dia.	1.50	Rmt			Per Running Metre	
	(ii) 90 mm dia	1.50	Rmt			Per Running Metre	
25	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	No			Each	
	(ii) 90 mm dia	1.00	Nos			Each	

26	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	Nos			Each	
	(ii) 90 mm dia	1.00	Nos			Each	
26	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	No			Each	
	(ii) 90 mm dia	1.00	No			Each	
28	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm dia.	1.00	No			Each	
28	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 75 mm.	1.00	Nos			Each	
30	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd class deodar wood.	0.90	Sqm			Per Square Metre	
30	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 40mm thick 2nd class deodar wood.	0.90	Sqm			Per Square Metre	
37	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 200x10mm	8.00	Nos			Each	
37	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	4.00	Nos			Each	
37	Providing and fixing bright finished hard drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 200mm	2.00	Nos			Each	

35	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 deodar wood	13.90	Rmt			Per Running Metre	
36	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.	73.29	Sqm			Per Square Metre	
37	Extra over item No. 36 for every sub sequent coat of distemping with oil bound washable distemper of approved brand and manufacture including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	73.29	Sqm			Per Square Metre	
38	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	73.29	Sqm			Per Square Metre	
38	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.	31.12	Sqm.			Per Square Metre	
39	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.	1.80	Sqm			Per Square Metre	
40	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.	1.80	Sqm			Per Square Metre	
42	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. (i) With white enamel paint.	50.47	Sqm.			Per Square Metre	

42	Extra over item No. 42 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) With white enamel paint	50.47	Sqm			Per Square Metre	
43	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	5.16	Sqm			Per Square Metre	
44	Extra over item No. 44 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint	5.16	Sqm			Per Square Metre	
45	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 2nd class Deodar wood.	0.053	Cum			Per Cubic Metre	
46	Taking out doors, windows and clerestory windows shutters (steel or wood) including stacking 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	1.00	No			Each	
47	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Cement Mortar 1:5 (1 Cement : 5 Sand)	5.46	Sqm			Per Square Metre	
48	Providing and fixing plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 6 mm thick.	5.88	Sqm			Per Square Metre	
49	Scaffolding in building side including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	131.76	Sqm			Per Square Metre	

50	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm dia.	1.00	Nos			Each	
	(ii) 90 mm dia	1.00	Nos			Each	
						Total	


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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.						Estimated Cost:- 4 88 580 .00
Name of Work :- A/R & M/O to Various roads under Junga Sub Division (SH: Repair of Pot Holes in Various roads in various RDs Under Chhalanda Section)						Earnest Money :-9,800.00
						Time:- 15 Days.
Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
Sr.No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
1	2	3	4	5	6	7
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 i/c carriage of material within all leads and lifts as per directions of the Engineer-in-Charge.	2112.96	Sqm		Per Square Metre	
					Total	

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

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

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.							Estimated Cost:- 4,99,573.00
NAME OF WORK:- Improvement & Widening of MRR road via Lakakr Bazar Km.147/825 to 153/075 (SH: P/L G-II, G-III in various RD's in extended portion).							Earnest Money :- 10,000.00
Time:- One Month							
Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	22.00	Cum			Per Cubic Metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP PWD specification including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1320.00	Sqm			Per Square Metre	
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 smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening /binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) By Mechanical Means	99.00	Cum			Per Cubic Metre	

4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone 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. (a) By Mechanical Means	99.00	Cum				Per Cubic Metre	
							Total	

Exec. Engineer
 Shimla Division No. 1
 HPPWD
 3

SCHEDULE OF QUANTITY

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

Estimated Cost:- 4,99,997.00

NAME OF WORK:- Improvement & Widening of MRR road via Lakar Bazar Km.147/825 to 153/075 (SH:


Earnest Money :- 10,000.00

P/L G-II, G-III in various RD's in extended portion).

Time:- One Month

Sr. No	Description of Work / Item (S)	No.of Qty.		Estimated Rate		Unit	Amount
				In figures	In words		
1	Cutting and disposal of earth work in by mechanical in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting of to the required lines, levels as shown on the drawing and directed by the Engineer -in-charge at site., according to the HP.PWD. specification of 1990 (one thousand nine hundred ninety) volume-I (one) and sorting out useful and unuseful material and transportation of the unuseful material for disposing at dumping site as per satisfaction of Engineer- in -charge through all modes of transportation including head load ,animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour (if required). All the surplus excavated earth to be dumped at dumping site(dumping sites will be arranged by the contractor on his own cost). Any loss to the public and private propriety, human being, machinery during the course of execution and disposal of serviceable and unserviceable materials shall be the absolute responsibility of the contractor and shall have to be duly compensated by him in all respects including all incidental charges.	135.00	Cum			Per Cubic Metre	
2	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP PWD specification including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1200.00	Sqm			Per Square Metre	
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 smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening /binding materials to fill up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) By Mechanical Means	90.00	Cum			Per Cubic Metre	

4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone 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. (a) By Mechanical Means	90.00	Cum			Per Cubic Metre	
						Total	


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